

Mess Equip
Donald R. Esolt

Hand Book of

Donald R. Esolt

NURSERY AND GARDEN TOOLS

...

GREENHOUSE, ORCHARD
and
TREE SURGERY TOOLS

1963

A. M. LEONARD & SON, INC.

Established 1885

PIQUA, OHIO

PIQUA, OHIO

*A manufacturing city situated in the Miami Valley,
28 miles north of Dayton on Interstate 75*



POSTAL GUIDE

We endeavor to ship all small orders by Parcel Post (or United Parcel Service in this area) for which Zones are indicated. Assembled Rakes, Ladders, Poles and Tree Trimmers (over 6 ft.) and Lawn Equipment are not mailable.

2D ZONE. Cleveland, Detroit, Indianapolis, Louisville, Lexington, (Ky.) and Zanesville, (Ohio).

3D ZONE. Painesville, Lansing, (Mich.), Chicago, Milwaukee, Springfield, (Ill.), Knoxville and Pittsburgh.

4TH ZONE. Most or all of New York, Penna., New Jersey, Delaware, Md., the Carolinas, Georgia, Ala., Miss., Ark., Missouri, Iowa and Wisconsin.

Cities just within limits: New York City, Springfield, (Mass.), Hot Springs, Minneapolis and Kansas City.

5TH ZONE. Eastern Mass., R. I., and the greater part of Florida, La., Texas, Okla., Kan., Nebr. and the Dakotas.

6TH ZONE. Colorado.

8TH ZONE. Pacific Coast.

When requested or if advantageous we ship by **REA EXPRESS**.

Otherwise, larger orders (75 lb. or more) are shipped by **MOTOR FREIGHT**, principally via C. C. C., Associated Truck, Middle Atlantic, E. M. D., Roadway Express, Hennis, Yellow Transit and Viking (with good connections south and west).



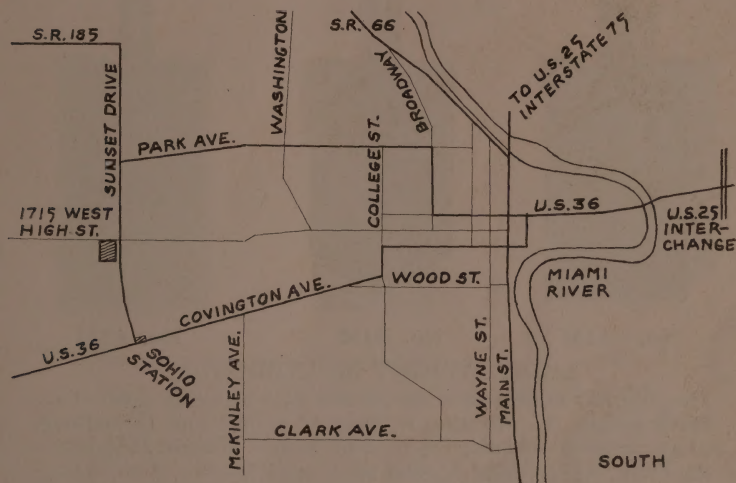
INTRODUCTION TO LEONARD NURSERY SPADES

Designed by Nurserymen and manufactured in one of the most modern shovel plants in the country, Leonard Nursery Spades, cannot be excelled. Blades are forged from Molybdenum or special alloy steel, with great tensile strength and toughness, heat treated and left in the natural color (or polished).

LEONARD TOOLS are USED AND ENDORSED by leading Growers, Landscape Firms, City Park Depts., State Agricultural Colleges and Government Departments throughout the country.



In October, 1962, we moved into our New Building located at **1715 W. High Street**—within sight of U. S. Route 36 at the west edge of the city. You are cordially invited to visit us and see the most complete line of Horticultural Tools and Supplies in the country.



A. M. LEONARD & SON, INC.

P. O. Box 816 (for parcel post R. R. 3 Box 21) Piqua, Ohio

Established 1885 by A. M. Leonard; Incorporated 1953 by John M. Leonard

Office Hours 8 - 5 E.S.T. (closed Saturday P. M.)

Telephone (Area code 513) 773-2694

LEONARD NURSERY SPADES



No. A1M



No. B1M



No. A3M

LIGHT WEIGHT MOLYBDENUM

The thin **flat edge** enters the ground with amazing ease. Two-thirds length (15 in.) straps, Moly D handle and turned-over steps. Standard blade, $7\frac{1}{2}$ x 12 in. long. **Weight, $5\frac{1}{2}$ lbs.**

New Nos. A1M—A3M Special have Steel D—Wt. 5 lb. 14 oz.

No. A1M MOLY SQUARE POINT.....\$ 9.95 ea.

No. A1M Special with heavier gauge blade.....10.20 ea.

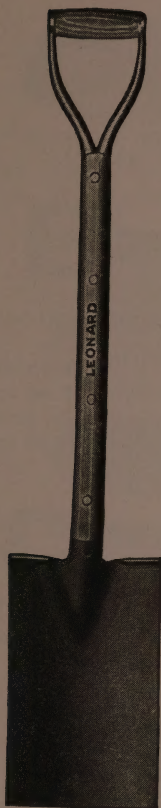
No. B1M MOLY DIAMOND POINT.....10.10 ea.

No. A3M MOLY SHRUB. Tapered to 6 in.....10.10 ea.

No. A3M Special with heavier gauge blade.....10.35 ea.

Add for full polished Blades.....1.50 ea.

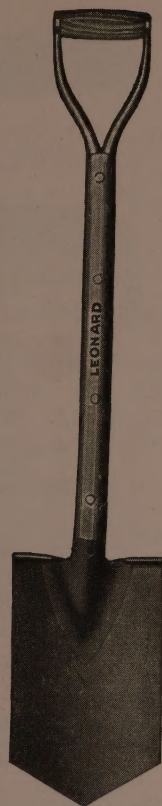
LEONARD NURSERY SPADES



No. A1



No. A13M



No. B1

Standard 7 lb. Weight with Full Length Straps.

No. A1 STANDARD. 12 in. square point.....\$12.10 ea.

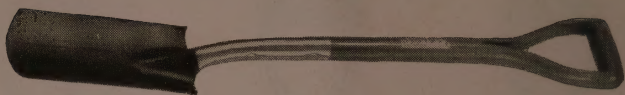
No. A13M MOLY TREE SPADE. 13 in. tapered blade
in Molybdenum steel (add \$1.50 for polished blade) ..12.65 ea.

No. H13 Special Planting Spade. 13 in. blade like
No. A13M with sides trimmed to 3 in. wide at point..12.75 ea.

No. B1 DIAMOND POINT. 12 in. pointed blade12.10 ea.

No. D2 FLORIDA Nursery Spade. 16 in. curved
and tapered blade. Narrow pattern 6 in. wide at
the top, or Wide pattern, 7 in. (steps 80c extra)....12.10 ea.

TRANSPLANTING SPADES



No. LE61. Eureka Floral Spade. Curved blade, $5\frac{1}{4}$ in. wide, 10 in. long, tubular socket, Moly D, $2\frac{3}{4}$ lb. **\$4.50 ea.**



TRANSPLANTING or DRAIN SPADE. Narrow, curved blade $5\frac{3}{4}$ in. wide. 14 and 16 in. sizes have tubular socket.

No. T12. 12 in. Perennial Size as illustrated.....**\$6.75 ea.**

No. A14. 14 in.....**\$7.05** **No. A16.** 16 in.**7.40 ea.**

No. UD12. Sharpshooter. 12 in. Drain pattern shaped from one piece of steel (hollow back). Wt. $3\frac{3}{4}$ lb. **\$4.85 ea.**



No. B58. Balling and Root Pruning Spade. Ditcher pattern. Blade is 6 in. wide, natural black finish; tubular socket.

14 in., **\$7.05 ea.**

16 in., **\$7.40 ea.**



No. OST PLANTING BAR. Blade 3 in. wide, 10 in. long and $\frac{3}{4}$ in. thick at the top. Welded step with offset tubular steel handle. Overall length, 40 in. Wt. $8\frac{1}{3}$ lbs. **\$6.60 ea.**



No. KBC. SEEDLING SETTER Blade 4 in. wide, 10 in. long and 1 in. thick at center. Length 42 in. Wt. 12 lb. **\$8.10 ea.**

A Special Planting Spade is listed on page 3

GARDEN SPADES



- FLORAL SHOVEL.** Blade 6 x 8½ in. Weight 2½ lbs.
No. FSD. With 30 in. D handle as illustrated.....\$3.75 ea.
No. SL21. The same Shovel with 42 in. long handle..\$3.75 ea.

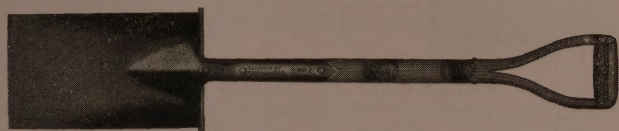


- No. H3. BORDER SPADE.** Polished blade, slightly curved, with steps. Light weight, 3 lb. \$6.75 ea.



- No. 126. IOWA Pattern (Ames).** Sturdy, curved blade, 6¾ in. wide, 12½ in. long. Steel treads and Armor-D. \$6.95 ea.
 Also available with full polished blade, \$8.45 ea.

- No. 128 AMES 3 STAR NURSERY SPADE.** 13 in. tapered blade with full length straps. Wt. 6½ lb. \$11.80 ea.



- No. 6W2. MOLY GARDEN SPADE.** The finest Garden Spade manufactured. Thin blade with straight edge, turned steps. Weight, 4½ lbs. \$7.60 ea.



- No. M62. BANTAM or Solid Shank Garden Spade.** 12 in. blade with turned steps. 4½ lb. \$6.70 ea.
 Add 90c for polished face. Also comes with long handle.

ROUND POINT SHOVELS

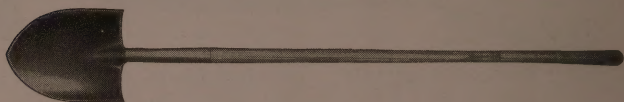


No. ML81. Solid Shank SPADING SHOVEL. Size 1 blade, 8 x 11 in., with steps. Our most popular Digging Shovel. Wt. 4 lb.

Price, \$6.05, or with polished face, \$6.95 ea.

No. ML71. A smaller size, blade 7 x 9½ in. (no steps) **\$5.95**

No. PCO Pecos. Size 2 with flat dish, polished face. **\$8.45 ea.**



CLOSED BACK Shovel. 10 in. closed tubular socket; folded back treads. Round point, long handle.

No. B1CB. No. 1 Size with low lift for spading. **\$5.95 ea.**

No. 5B2JL Jet-Lite. No. 2 size light weight (only 3½ lb.). For general use. New, **\$5.95 ea.**

No. 5B2CB. No. 2 Size, standard lift and wt., 4¾ lb. **\$6.45**

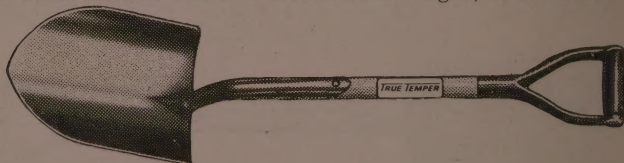


Bantam and Fox SOLID SHANK

Standard Size 2. Turned Steps are added feature.

No. BLR Bantam with long handle. Wt. 4¼ lb. **\$6.05 ea.**

No. FLR Fox or heavier contractors weight, 5 lb. **\$6.45 ea.**



No. BR Bantam D handle Shovel. Standard size 2 blade 8½ x 11½ in. Regularly furnished with turned steps. **\$6.20 ea.**

No. FR Fox or heavier contractors weight. **\$6.65 ea.**

See Page 8 for Square Point Shovels

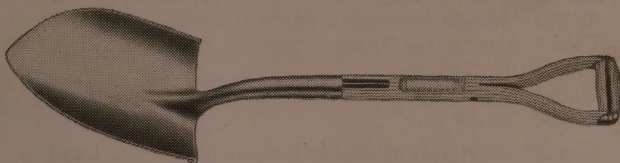
MO-LYB-DEN-UM SHOVELS



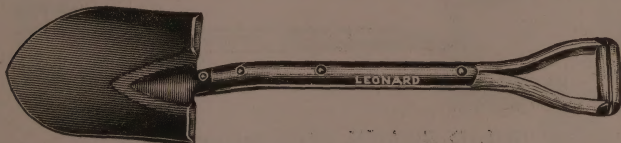
No. 5W2L. MOLY LIGHT WEIGHT. Size 2 with turned over steps. Highest grade white Ash handle. Weight 4 lb. Black finish. **\$7.45** ea. (Add 90c for polished face.)

No. 5W2LX. MOLY NURSERY. Same as No. 5W2L except with modified lift, being more suitable where the same shovel is used for both digging and shoveling. **\$7.45** ea.

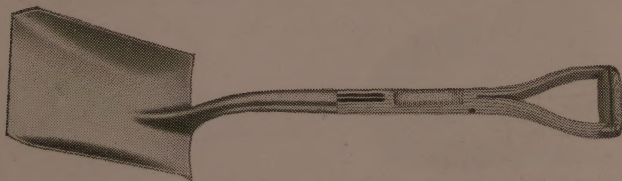
No. 5W2XX. Moly Nursery with heavier blade and handle. Only comes with polished face. Weight 5 lb. **\$8.35** ea.



No. 3W2. MOLY ROUND POINT. Standard Size 2 blade, rolled edge and Moly D handle. Weight, 5 lbs. **\$7.60** ea.



No. 3W2X. MOLY Digging Shovel. Blade like No. 3W2 above but with spade bend for digging. Turned steps, 15 in. straps. Weight 6 lb. **\$9.95** ea.



No. 2W2. MOLY SQUARE POINT or Contractors Shovel. Light weight with D or long handle. **\$7.60** ea.

No. W90. Florist Shovel. Moulder's pattern with flat flexible blade, 10 in. wide; polished one side. **\$8.80** ea.

REPAIR HANDLES - SCOOPS

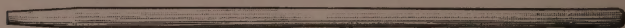


All Handles furnished with Rivets

- No. V2XX Moly Handle for Spades like on page 2\$2.10 ea.
 No. S2XX Handle w/Steel D for Spades like on page 3.. 2.10 ea.
 Extra Rivets, 30c doz. Moly Steel D Top only..... 1.10 ea.



- No. LK1XX Handle for Moly Shovels, page 7.....\$2.10 ea.



- No. KCBX Handle for Closed Back Shovels, page 6\$1.60 ea.
 No. T44½ Handle for Bantam Shovels, page 6..... 1.60 ea.
 No. TE24 D Handle
 for Bantam Spades and
 Shovels. \$1.80 ea.



Repair Service is available for putting in new handles.



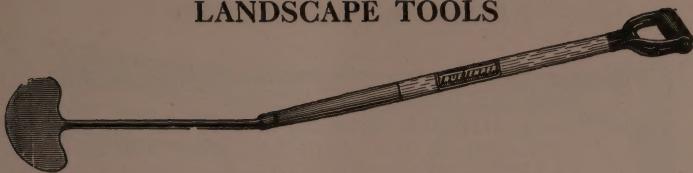
SOLID SHANK with turned steps

- No. BS Square Point Bantam Shovel. Size 2.....\$6.20 ea..
 No. BLS With long handle, \$6.05. Fox With D handle, \$6.65 ea.

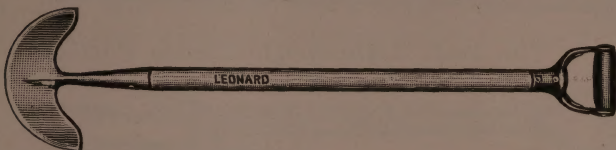


- No. 140 SCOOP. Wide mouth, light weight alloy steel.
 Size 6. 12¼ in. wide \$7.15. Size 10—14½ in. wide \$7.60 ea.
 Size 14. 15¼ in. wide, Aluminum Alloy for snow or refuse.
 Weight 4¾ lb. \$11.10 ea.

LANDSCAPE TOOLS

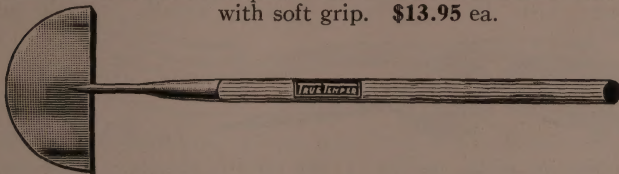


No. 1. SOD LIFTER. Strong 18 in. shank (illustration does not show middle bend). 32 in. handle. **\$8.90 ea.**

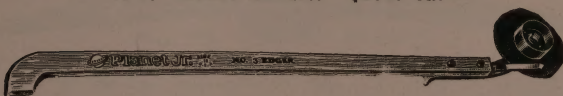


No. 30D. ENGLISH Turf Edger. Blade forged in England assembled by us with 30 in. D or 4 ft. handle. **\$5.90.**

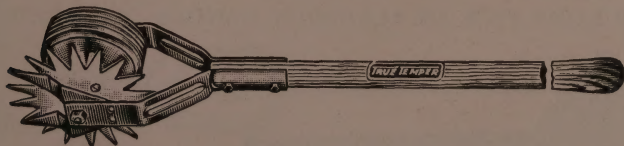
No. W458 EDGING KNIFE by Wilkinson. Rust resisting sword steel blade with special bevel and tubular steel D. handle with soft grip. **\$13.95 ea.**



No. O4OF. TURF EDGER. Blade 9 in. wide with steps. 4 ft. socket handle. **\$3.65 ea.**



PLANET JR. An exceptionally sturdy rotary disc Lawn Edger for cutting off overhanging grass. **\$3.95 ea.**

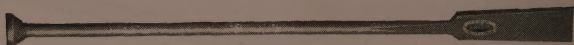


ROTARY Turf Edger with rubber tired wheel.

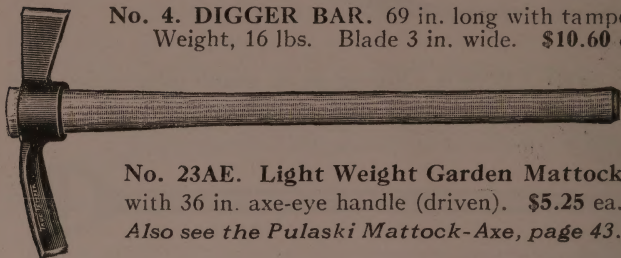
No. RE1. One wheel, wide axle as shown. **\$5.50 ea.**

No. RE2. True Temper with two wheels. **\$6.50 ea.**

PICKS and MATTOCKS



No. 4. DIGGER BAR. 69 in. long with tamper end.
Weight, 16 lbs. Blade 3 in. wide. **\$10.60 ea.**



No. 23AE. Light Weight Garden Mattock
with 36 in. axe-eye handle (driven). **\$5.25 ea.**
Also see the Pulaski Mattock-Axe, page 43.

**No. 21X
CUTTER
MATTOCK**



Blade 3 in. wide; weight, 5 lbs. Standard pick or mattock eye.
Complete with 36 in. selected hickory handle. **\$6.30 ea.**



**No. 20X
PICK
MATTOCK**

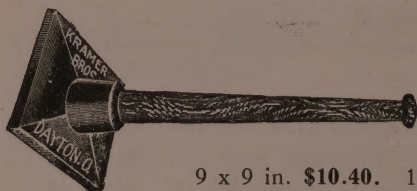
Blade 3 1/2 in. wide; weight, 5 lbs. With handle. **\$6.35 ea.**



No. W6. RAILROAD PICK. 6 lb. weight, 23 in. long.
Complete with 36 in. handle not inserted. **\$5.90 ea.**



HICKORY PICK OR MATTOCK HANDLE. 36 in. **\$1.70 ea.**



SOD TAMPER

With 4 ft. handle.

8 x 8 in. **\$8.30**

9 x 9 in. **\$10.40.** 10 x 10 in. **\$12.50**

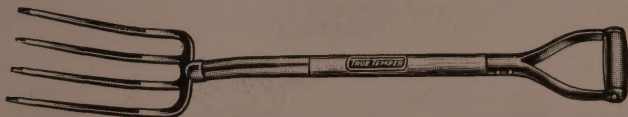
Extra Tamper Handles, **\$2.20 ea.**

FORKS and AUGERS

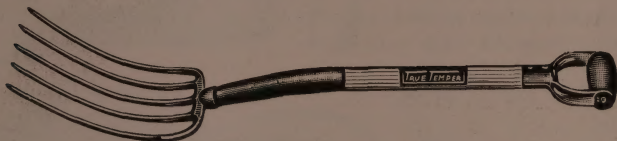


Diamond Back SPADING FORKS

- No. B4D** Boys light weight Border Fork.....\$4.00 ea.
No. OLD Medium weight, Steel D handle..... 4.70 ea.
No. OHD Heavier weight, D or long handle 5.00 ea.



- No. AHD.** English Pattern with Square Tines, chisel pointed
D handle (or long handle). Weight 5 lb. \$5.25 ea.



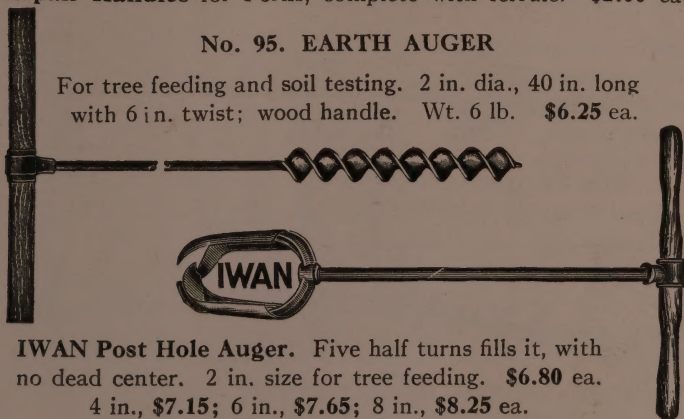
- MANURE FORKS.** 4 Tine with D or 4½ ft. handle..\$5.50 ea.
5 Tine..... \$5.80 6 Tine.....\$6.10

Please specify D (as illustrated) or 4½ ft. long handle

- Repair Handles** for Forks, complete with ferrule. \$2.00 ea.

No. 95. EARTH AUGER

For tree feeding and soil testing. 2 in. dia., 40 in. long
with 6 in. twist; wood handle. Wt. 6 lb. \$6.25 ea.



IWAN Post Hole Auger. Five half turns fills it, with
no dead center. 2 in. size for tree feeding. \$6.80 ea.

4 in., \$7.15; 6 in., \$7.65; 8 in., \$8.25 ea.

TROWELS and DIBBLES

STAINLESS STEEL

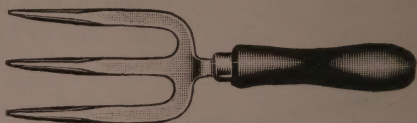
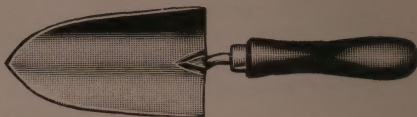
Special Import

Triple thick solid stainless steel with mirror finish.

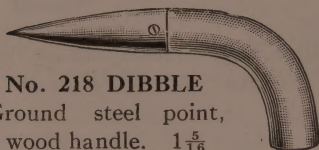
No. 513 Trowel, **\$1.50**

No. 527 Fork, **1.50**

No. 528 2-pc Set **2.98**



Also packed in Counter Display of 9 Trowels and 3 Forks.

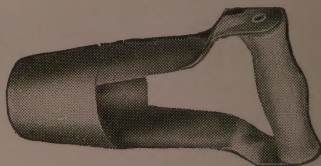


No. 218 DIBBLE

Ground steel point,
wood handle. $1\frac{5}{16}$

in. dia., **\$2.10 ea.**

No. 219 $1\frac{1}{8}$ in., **\$1.95**

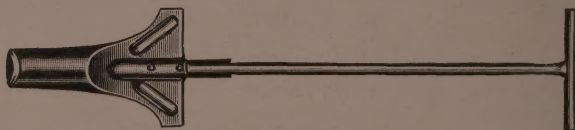


HOLE-IN-ONE \$1.00 ea.



No. BP BULB PLANTER

Makes hole $2\frac{1}{4}$ in. dia. 26 in. D handle. **\$2.95 ea.**



No. BPS Planter with 30 in. steel T handle. Depth gauge adjustable to $7\frac{1}{2}$ in. **Price, packed 3 to a carton, \$3.25 ea.**

Packed single, **\$3.60.**



No. 39D. SPUD or DOCK CUTTER. Blade $2\frac{5}{8}$ in. wide.

D handle as illustrated or long handle. **\$7.20 ea.**

TROWELS

No. DSGT

Solid socket with wood handle. Blade $3\frac{1}{2}$ x 6 in. tempered and polished.

A Green Thumb Trowel, the finest produced. **\$1.90 ea.**



No. SGT

STRAIGHT SHANK

Solid socket extending straight out from blade. **\$1.90 ea.**



No. DST

True Temper 6 in.

\$1.65 ea.



No. TT Narrow Pattern. Blade $1\frac{3}{4}$ in. wide. **\$1.60 ea.**

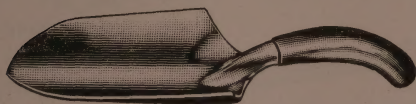
No. 211 FLORIST



A heavy duty Trowel of forged steel with sturdy ferrule and handle. 6 in. **\$1.95 ea.** (Also comes with flat blade).

NO-BLIST'R

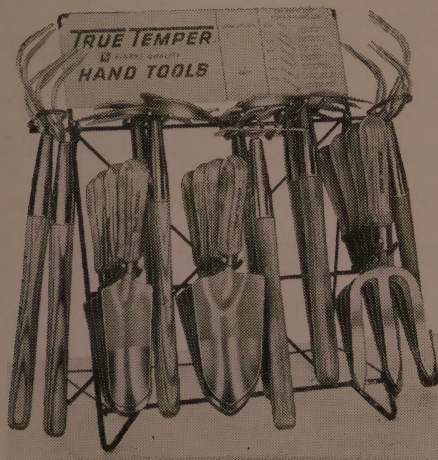
Aluminum alloy.
Curved handle with
velvet grip. **\$1.69**



GARDEN CLUB HAND TOOLS

New **Chrome Plated** finish. You may order any single tool, **89c ea.** This complete display for Garden Centers includes:

- | | |
|-----------------|-------------|
| 6 Trowels | GC20 |
| 4 Transplanters | GC21 |
| 4 Cultivators | GC22 |
| 4 Digging Forks | GC23 |
| 2 Hoes, 3 prong | GC24 |
| 2 Hoes, 2 prong | GC25 |
| 2 Rakes, 4 tine | GC26 |
| 6 Dand. Diggers | TF88 |



HAND WEEDERS



No. BW1. HOT BED WEEDER

A fast working tool with three positions. \$1.25 ea.
With longer, 10½ in. handle, \$1.35

No. 3W Triangular
Weeder. 3 in. wide
\$1.60 ea.

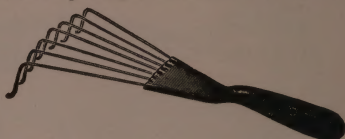


No. 714. Gardex Midget.
2¾ in. wide with weeding blade
\$.85 ea.

No. 153 Gardex Cultivator, 3 wider prongs, 4 ft. handle, \$2.95

No. 717. HAND BROOM

Spring-wire fingers, 15½ in. as
illustrated, \$.85 ea.
With 3½ ft. handle, \$1.75 ea.



No. E
Easy Mulcher
With short grip
handle. \$1.60 ea.

No. EL4. With 4 ft. handle as illustrated 1.95 ea.

No. 25N Fishtail Weeder
12 in. with curved blade
\$.75 ea.



No. 40N Weeder. The No. 25N with 3½ ft. handle. \$1.30 ea.

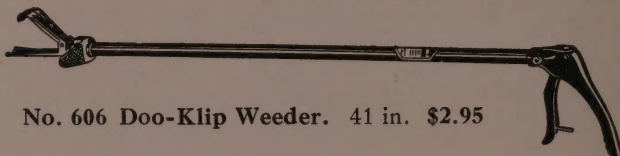


No. 19
ASPARAGUS
KNIFE

Or Fishtail Weeder. 14 in. heavy duty pattern. \$1.00 ea.

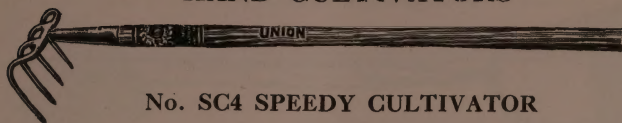


No. DW. Dandelion Digger. 3½ ft. handle. \$1.30 ea.



No. 606 Doo-Klip Weeder. 41 in. \$2.95

HAND CULTIVATORS

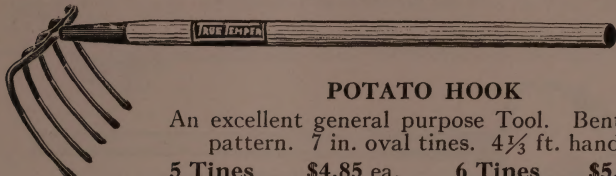


No. SC4 SPEEDY CULTIVATOR

For seeding and cultivation; use an easy drawing stroke.

5 in. wide; $4\frac{1}{3}$ ft. polished handle. **\$3.55 ea.**

No. FW3. Three Tine Speedy, $3\frac{1}{4}$ in. wide. \$3.25 ea

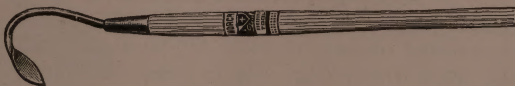


POTATO HOOK

An excellent general purpose Tool. Bent head pattern. 7 in. oval tines. $4\frac{1}{3}$ ft. handle.

5 Tines.....\$4.85 ea. 6 Tines.....\$5.10 ea.

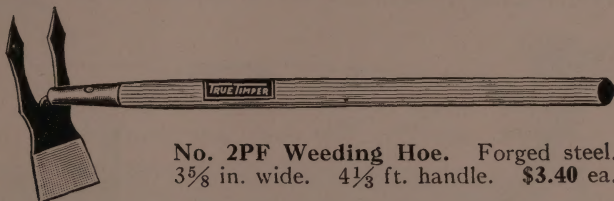
New 6 Tine Cultivator Hook. $5\frac{1}{2}$ in. sharp tines. \$5.35 ea.



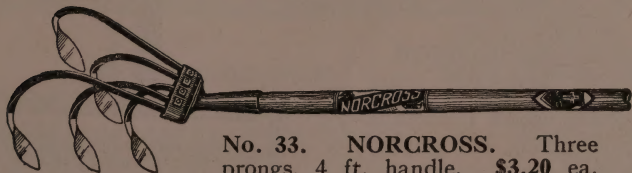
No. 59. One Prong 4 ft. handle, \$1.60; short handle. \$.75 ea.



No. SL23. SOIL-KNIFE Hoe. For close cultivation; the gooseneck reaches around the plants. 4 ft. handle. \$3.00 ea.



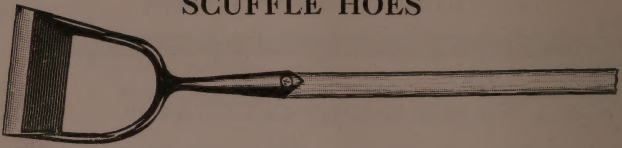
No. 2PF Weeding Hoe. Forged steel. $3\frac{5}{8}$ in. wide. $4\frac{1}{3}$ ft. handle. \$3.40 ea.



No. 33. NORCROSS. Three prongs, 4 ft. handle. \$3.20 ea.

No. 55. Five Prong Norcross. $8\frac{1}{2}$ in. cultivating width. 4 ft. handle. \$3.75 ea. Extra Prongs, 25c ea.

SCUFFLE HOES



DUTCH SCUFFLE HOE

Solid forged blade imported from England and assembled with 5 ft. selected ash handle.

4 in.....	\$3.75 ea.	6 in.....	\$4.10 ea.
5 in.....	3.95 ea.	7 in.....	4.30 ea.



DIAMOND POINT PUSH HOE

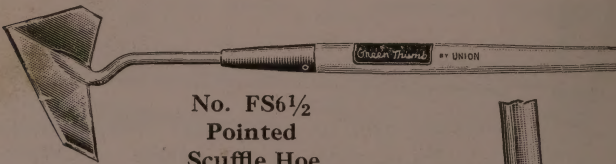
No. PH6 A combined scuffle hoe, weeder and lawn edger. Beveled, serrated blade 6 in. wide; 4½ ft. handle. \$2.95 ea.

No. PH3½ New Junior size; 3½ in blade, 4ft. handle, \$1.95



English SWOE

The greatest advance in soil cultivation since the hoe. With a natural ease the rust resisting blade moves forward and backward, creating a fine tilth in the top inch layer of soil. \$10.95 ea.

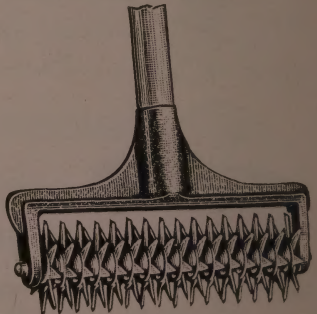


No. FS6½ Pointed Scuffle Hoe

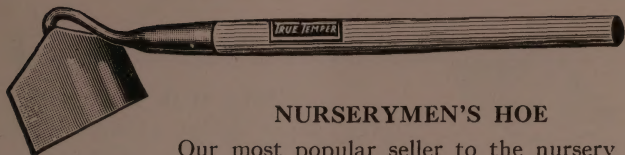
Blade 6½ in. wide. \$3.00 ea.

GARDEVATOR

A new garden tiller with revolving discs for freshening the soil, preparing the ground for seeding and for putting the seed safely underneath. 8 in. wide
Wt. 4½ lb. w/handle. \$5.50

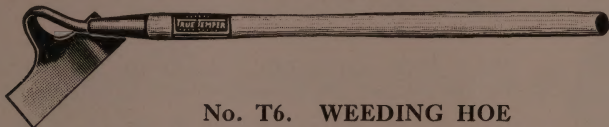


NURSERY HOES



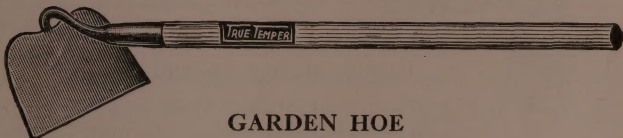
NURSERYMEN'S HOE

Our most popular seller to the nursery trade. Strong socket with $4\frac{1}{3}$ ft. straight grained handle. 3 sharp edges. No. 5—5 in. blade, \$3.45; No. 6—6 in., \$3.50; No. 7—7 in., \$3.55 ea.



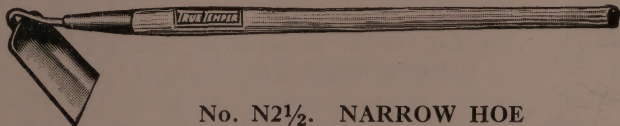
No. T6. WEEDING HOE

6 in. blade, $1\frac{3}{4}$ in. deep with spring neck, \$3.45 ea.
No. S71. Square Top Onion Hoe. 7 in. blade, \$3.55 ea.



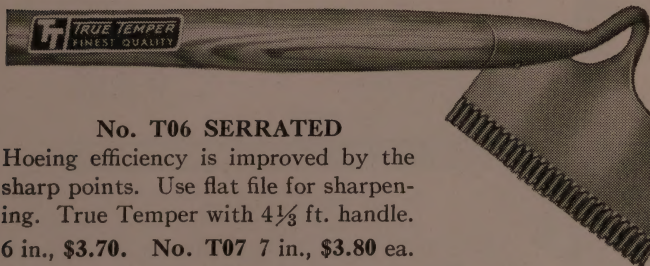
GARDEN HOE

Standard for farm and garden. Socket pattern, $4\frac{1}{3}$ ft. handle.
No. G06—6 in. \$3.55 ea. No. G07—7 in. \$3.65 ea.
No. W7 Warren Hoe with heart shaped blade. \$3.70 ea.



No. N2 $\frac{1}{2}$. NARROW HOE

A well balanced little hoe with $2\frac{1}{2}$ in. blade. \$3.00 ea.
No. LY5. Floral Hoe. 5 in. serrated blade. \$3.20 ea.

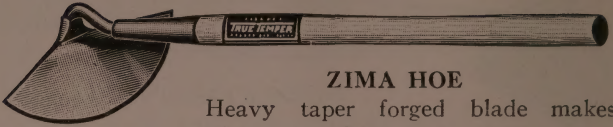


No. T06 SERRATED

Hoeing efficiency is improved by the sharp points. Use flat file for sharpening. True Temper with $4\frac{1}{3}$ ft. handle. 6 in., \$3.70. No. T07 7 in., \$3.80 ea.

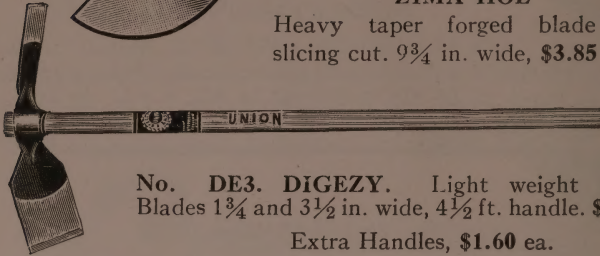
Repair Handles for socket hoes, \$1.25 with ferrule, \$1.30 ea.

MATTOCK HOES



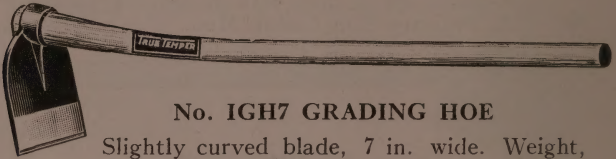
ZIMA HOE

Heavy taper forged blade makes slicing cut. $9\frac{3}{4}$ in. wide, \$3.85 ea.



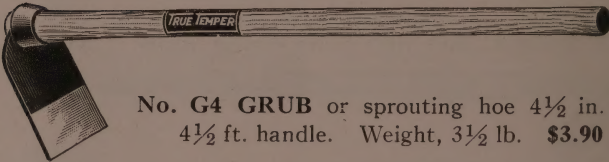
No. DE3. DIGEZY. Light weight pattern. Blades $1\frac{3}{4}$ and $3\frac{1}{2}$ in. wide, $4\frac{1}{2}$ ft. handle. \$4.00 ea.

Extra Handles, \$1.60 ea.

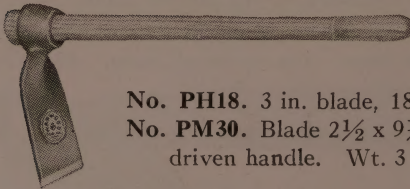


No. IGH7 GRADING HOE

Slightly curved blade, 7 in. wide. Weight, complete with $3\frac{1}{2}$ ft. hickory handle, $5\frac{1}{2}$ lbs., \$5.85 ea. Extra Handles, \$2.10 ea.



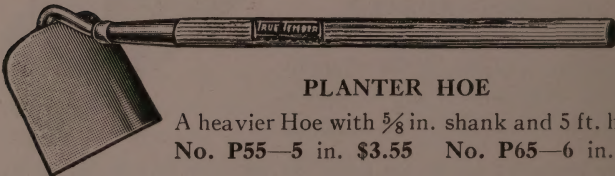
No. G4 GRUB or sprouting hoe $4\frac{1}{2}$ in. blade, $4\frac{1}{2}$ ft. handle. Weight, $3\frac{1}{2}$ lb. \$3.90 ea.



PLANTING HOES

No. PH18. 3 in. blade, 18 in. handle. \$3.60

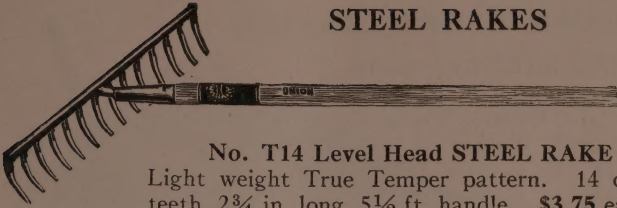
No. PM30. Blade $2\frac{1}{2}$ x $9\frac{1}{2}$ in. long; 30 in. driven handle. Wt. 3 lb. \$5.20 ea.



PLANTER HOE

A heavier Hoe with $\frac{5}{8}$ in. shank and 5 ft. handle. No. P55—5 in. \$3.55 No. P65—6 in. \$3.60

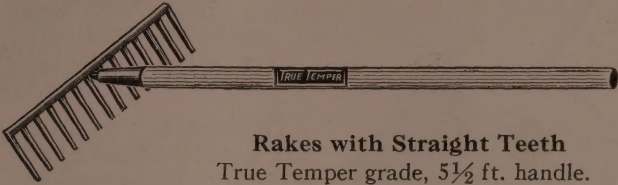
STEEL RAKES



No. T14 Level Head STEEL RAKE

Light weight True Temper pattern. 14 curved teeth, $2\frac{3}{4}$ in. long, $5\frac{1}{2}$ ft. handle. **\$3.75 ea.**

No. SC16. (Union) 16 heavier, curved teeth. **\$3.95 ea.**



Rakes with Straight Teeth

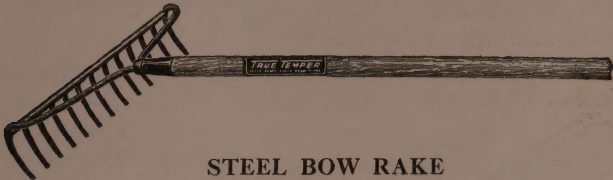
True Temper grade, $5\frac{1}{2}$ ft. handle.

No. L14. 14 sturdy teeth $3\frac{1}{4}$ in. long, 15 in. wide. **\$3.75 ea.**

No. L16. 16 teeth, **\$3.95 ea.** Repair Handles. **\$1.75 ea.**

No. G16. Lawn-Maker, 16 short teeth, $1\frac{7}{8}$ in. long. **\$4.15 ea.**

No. X16. Heavy Road Rake. 16 teeth, weight $4\frac{1}{2}$ lbs. **\$6.95 ea.**



STEEL BOW RAKE

No. B12. Light weight Garden Club size, 12 teeth. **\$3.75 ea.**

No. B15. True Temper, 15 teeth, 15 in. wide **\$4.10 ea.**

No. B14. (Union) 14 teeth, **\$3.95** No. B16 **\$4.20 ea.**

No. SC20 Cavex Self-cleaning Lawn Rake

Use an easy push and pull motion without lifting. Especially recommended for Creeping Bent and Merion Blue Grass. 15 in. wide complete with handle.

\$4.00 ea.



LAWN RAKES

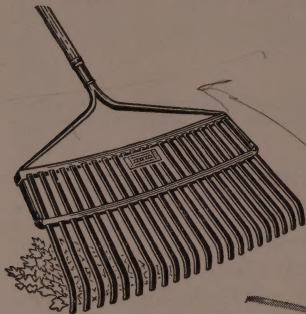
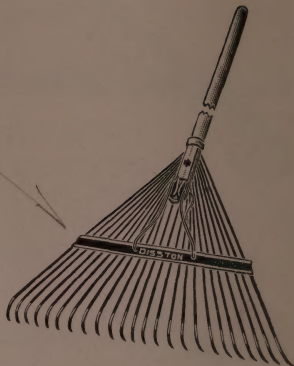
SPRING RAKE by Disston

The original Rake with flexible "back-bone" taking the strain off the teeth. Packed $\frac{1}{2}$ dozen.

No. D18-18 $\frac{1}{2}$ in. wide. \$3.50 ea.

No. D24-22 in. wide. \$4.10 ea.

Extra Handles—70c ea.



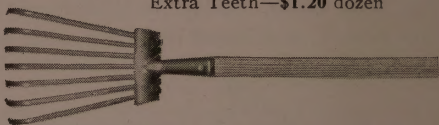
LAWNCOMB. Replaceable flat teeth of ample length and capacity. Olive green.

No. LC18-18 in. wide. \$3.80 ea.

No. LC24-24 in. wide. \$4.40 ea.

Extra Teeth—\$1.20 dozen

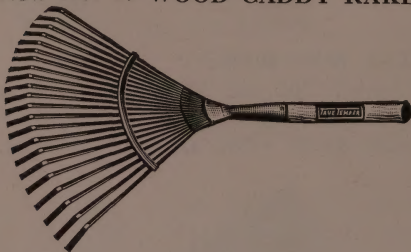
No. LC6
SHRUBCOMB
New 6 in width



Teeth are replaceable.

Complete with 4 ft. handle, \$1.50 ea.

New No. 19 **WOOD CADDY RAKE.** Head painted red, 14 teeth, pointed handle. Packed 12. \$1.70 ea.



No. FBR22
BRUME RAKE

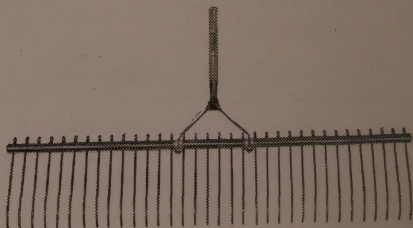
The popular fan shape Rake for use with an easy, sweeping motion. True Temper. \$2.25 ea.

No. WLR New
GIANT SPAN

42 in. wide with 5 ft. handle adjustable to any angle.

Price, \$6.00 ea.

Extra Teeth—\$1.20 dozen.



WOOD RAKES

McGuire BAMBOO RAKE

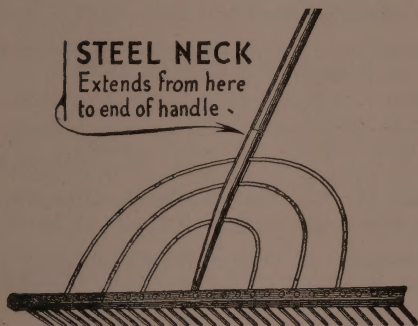


American made with arched metal grip and spiral teeth links.
Assembled with handle. 10 in. Shrub Size, \$.79 ea.

18 in. Home Size, \$1.59 ea. 24 in. Estate Size, \$2.19 ea.
30 in. Park Size, 2.98 ea.

STEEL NECK

Extends from here
to end of handle -



No. 37

WOOD Lawn Rake

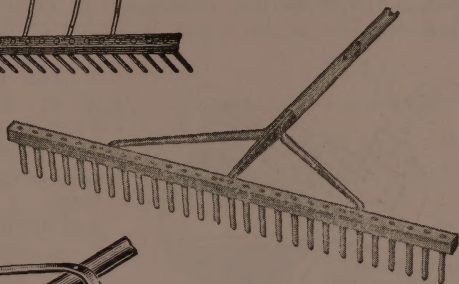
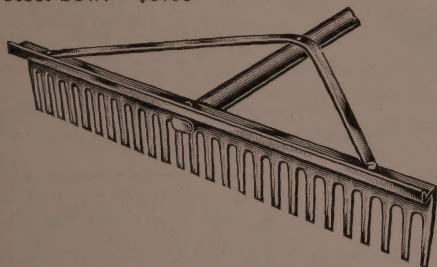
28 hickory teeth, 3
aluminum bows as il-
lustrated, 6 ft. handle.

\$3.15 ea.

Extra Wood Teeth, 72c dz.

No. 60 Wood Grading Rake

28 short, stubby
teeth with heavy
steel bow. \$3.35



Superlight MAGNESIUM

For lawn or roadway,
raking and leveling,
3½ in. foot-like teeth
6 ft. tubular handle.

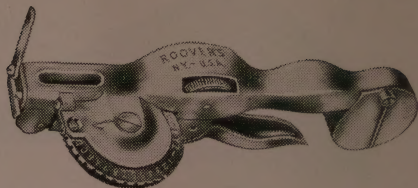
36 in. weighs 3 lb.

24 in., \$6.98; 30 in., \$7.98; 36 in., \$9.98; 48 in., \$11.98 ea.
Add \$1.00 each for heavier **Grading Rake** with pointed teeth.

PLANT LABELS

New Dymo TAPEWRITER

Permanently identify your plantings by raised letters on $\frac{1}{2}$ in. monel metal or vinyl plastic tape in color.



Imprints letters and figures and does its own punching and cutting. Chrome plated with with all latest improvements.

Price, Standard Model loaded with roll of tape, **\$49.95**. Special Model for use with vinyl tape only and without punching device, **\$39.95**. **Free Sample Label** and Color Chart.

Monel Metal Tape (Nickel alloy) Recommended for outside nursery use. 21 ft. Roll, **\$1.50** or 3 Rolls for **\$4.00**.

Aluminum Tape without adhesive, 16 ft. Roll, **65c** ea. 3 Rolls for **\$1.80**

Contrast Aluminum. Raised aluminum letters on black background. This comes with pressure sensitive adhesive. 10 ft. Roll, **\$1.65**.

Vinyl Tape. No. 110 Series without adhesive, 20 ft. Rolls, Red, Blue, Green and Brown, **80c** ea. No. 160 Series **with adhesive**, 12 ft. Rolls Blue, Green & Brown only (supply limited) **\$1.20** ea.

New No. 158 Series. Deluxe glossy finish Vinyl with adhesive. Assorted Box of 10 colors, including gold and black, **\$15.00**



The DREAM LABEL

Kit of 24 Labels complete w/etchant and applicator, **\$1.00**

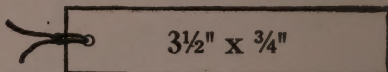
Kit of 50 complete, **\$1.65**

Nursery Unit of 1,000 Labels, larger 5 oz. bottle etchant and applicator, **\$20.00**.

Extra Dream Labels, **\$2.50** per 100.

Aluminum Tag

Allen or Berryhill



Yellow cardboard backing for easy embossing with pencil. Wired ready for use—100, **\$3.75**; 500, **\$12.50** 1,000 **\$21.00**.

Copper Foil Label. $\frac{3}{4}$ in. wide x $3\frac{3}{4}$ in. long with eyelet; copper wires included but not attached. Pencil or stylus makes indentation. New low price, **\$2.90** per 100. **\$22.50** per 1,000.

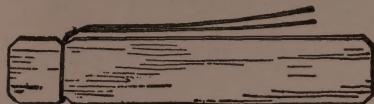
PLANT LABELS

WOOD LABELS of selected Soft White Pine.

Copper Wired (also galvanized) standard size, $3\frac{1}{2}$ x $\frac{5}{8}$ in.

Plain —\$4.50 per 1,000.

Painted—\$5.60 per 1,000.
or 80c per 100.



POT LABELS
 $\frac{5}{8}$ in. wide.

Price for Plain Wood Pot Labels. 4 in.\$3.80 per 1,000

6 in., \$4.50; 8 in., \$6.40; 10 in., \$7.90; 12 in.\$9.40 per 1,000

Price for Painted (one dip coat) 4 in.\$4.70 per 1,000

6 in., \$5.60; 8 in., \$8.20; 10 in., \$9.90; 12 in.\$11.60 per 1,000

4 and 6 in. packed 1,000; 8, 10 and 12 in., 500

Price for Painted Pot Labels per 100

4 in., 70c. 6 in., 80c. 8 in., \$1.10. 10 in.\$1.30

GARDEN STAKES. Plain, 8 x $\frac{7}{8}$ in. wide.....\$2.50 per 250

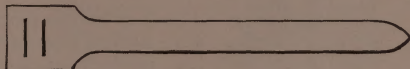
10 x $\frac{7}{8}$ in., \$2.90 per 250; 12 x $1\frac{1}{8}$ in.\$2.00 per 100

Painted, 8 x $\frac{7}{8}$ in. wide.....\$3.00 per 250

10 x $\frac{7}{8}$ in., \$3.40 per 250; 12 x $1\frac{1}{8}$ in.\$2.30 per 100

Wood Label Pencils. Weatherproof. 15c ea.; \$1.50 doz

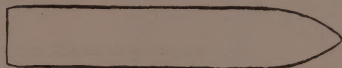
**Waterproof
PAPER LABELS**
10 to the sheet.



White—\$2.00 per 1,000; 5,000 @ \$1.75; 10,000 @ \$1.50 per M.

Add 40c per M for Colors—Red, Orange, Yellow and Blue

PLASTIC LABELS
In bright colors.



Non-fading and reusable; the best Plastic Label that we have seen or tested. And no extra charge for colors.

4 in. Pot Label—White, red, blue, yellow and orange.

\$1.30 per 100. \$5.00 per 500. \$9.50 per 1,000.

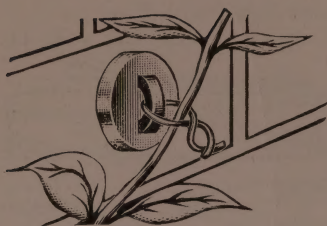
Plastic Plant Tag

$\frac{5}{8}$ x $3\frac{1}{2}$ in. long, all colors. Price with copper wires not attached.
\$1.60 per 100; \$12.00 per 1,000.

New **Snap-On** White Plastic Tag
\$1.45 per 100; \$10.75 per 1,000.



PLANT SUPPORTS



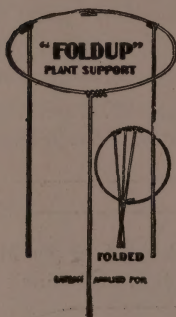
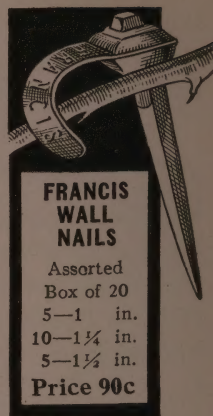
**Feathertown
GARDEN
WALL TIE**
(Left)

Transparent lucite discs $\frac{7}{8}$ in. dia. with green plastic ties. Box of 12 with tube of adhesive for wood or masonry, **\$1.00**

Francis or English WALL NAILS

Soft lead hook and steel nail for either wood or brick. Price per 100

$1\frac{1}{4}$ in., **\$4.25**; $1\frac{1}{2}$ in., **\$4.75**; 2 in., **\$5.50**

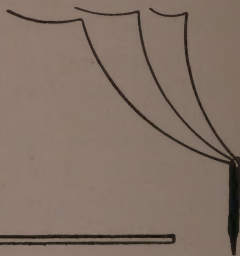


FOLDUP Plant Support

15 in. dia. with three 28 in. galvanized stakes. Ideal for peonies. **\$5.50 doz.**
12 weigh 11 lb.

SHRUB GUARD

The 3 invisible black wire prongs give lasting protection from dogs to $2\frac{1}{2}$ lineal feet of evergreens.
\$3.85 doz.



PLANT STAKES. Galvanized hard alloy steel with eye. For staking trees and evergreens. Can be used many times.

Gauge	Length	Per Doz.	Per 100	Per 1,000	Weight per 100
No. 8	30 in.	\$1.00	\$ 6.50	\$57.00	18 lbs.
No. 8	36 in.	1.15	7.90	70.00	22 lbs.
No. 6	48 in.	1.90	13.50	121.00	40 lbs.
No. 6	60 in.	2.20	15.00	139.00	50 lbs.
No. 4	72 in.	3.60	25.00	230.00	84 lbs.

FENCE ROD. Heavy $\frac{1}{4}$ in. steel, 48 in. long, enameled green. Run wire or rope through the loops **\$3.35 doz.**

'TWIST-EMS'

The Handy Plant-Tie Home Garden Packages

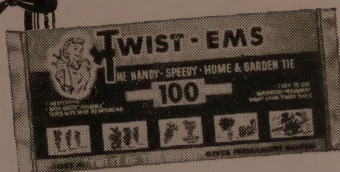
100—cut 8 in. long, 29c

100—cut 16 in. long, 57c

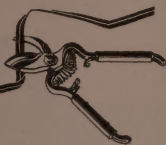
New packing, 36 to case.

For Growers, in bundles of 250

Price per M	1,000	5,000	10,000	25,000	4 and 6 in. sizes can be furnished red or green.
4 in.	\$.95	\$.90	\$.90	\$.85	
6 in.	1.45	1.35	1.30	1.20	
8 in.	1.75	1.65	1.55	1.45	All other sizes green.
12 in.	2.65	2.50	2.40	2.25	F. O. B. Piqua
16 in.	3.50	3.30	3.10	2.90	



CUT OFF
AS NEEDED



Twist-Ems are the original
green paper Plant-Ties with
wire center.

250 ft. Continuous Roll of
Twist-Ems. \$1.00 ea.

PLAS-TIES

Green vinyl plastic tapes with strong
wire center.

7 inch - Package of 60,.....29c ea.

50 ft. Spool in poly bag,.....69c ea.

200 ft. Spool in box,.....\$1.49 ea.

New 70 ft. Spool with cutter,.....98c

Shopper Stopper. The wire rack
illustrated complete with
36 - 7 in. packages of 60
14 - 50 ft. Spools in poly bag
18 - 200 ft. Spools each boxed
10 - 70 ft. Spools with cutter

Total Price **\$56.72** subject
to Garden Center discount.



GARDEN GUARDS or Steel Wickets

21 in. high by 13 in. wide.
Enameled green, \$3.35 doz.

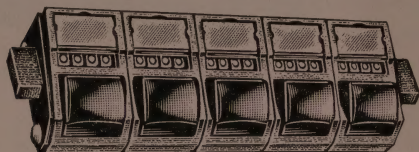


NURSERY SUPPLIES

NURSERY ROW COUNTERS

Hand Tally Counter (right)

Standard model for rapid counting, with reset or turnback feature. **\$10.55 ea.**



Veeder-Root VARY - TALLY With instant reset feature.

Panels provided for inserting size, grade or other key information. Can be held in hand or mounted. Also available in larger units on special order. **Price, 3 Unit, \$28.90; 4 Unit, \$36.85; 5 Unit, \$44.85; 6 Unit, \$52.80.**

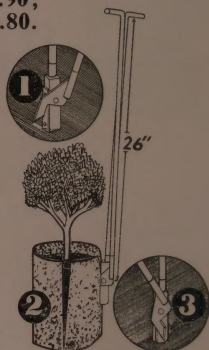
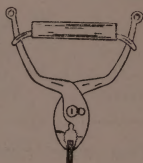
Redhead Metal CAN SHEAR

Genuine Ayer-Line. Zinc plated.

Standard 29 in. Nursery Size for fast customer service. Weight, 4 lb.

\$7.75 each or 3 for \$20.85

New 16 in. Home Size, **\$6.10 ea.**



← **Handy-Man Gripzit**

The safe carrying tool. 2 for **\$6.45**

New POP-I Can Carrier.

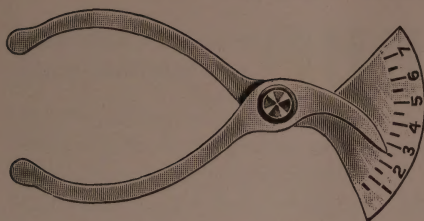
Heavy steel for 3 gal. can and larger. 2 for **\$7.00**



MULTIPLE CAN PUNCH

Cuts 4 holes quicker than one with any other hand tool. 30 in. high, wt. 40 lb. Model A as illustrated, **\$62.25.** Model B with foot lever only, **\$55.50**

NURSERY SUPPLIES

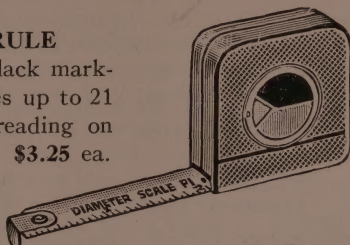


DRESCHER TREE CALIPER

Accurate measurement from $\frac{1}{2}$ in. to 9 in. Handy pocket size, 11 in. long. Aluminum alloy. **\$6.50 ea.**

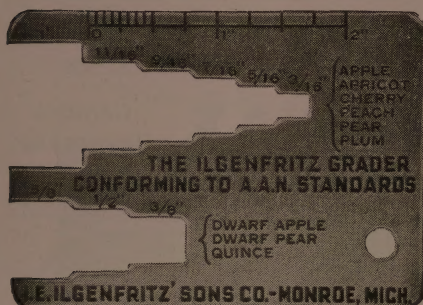
New Diameter TAPE RULE

White tape $\frac{1}{2}$ in. wide with black marking for easy reading. Measures up to 21 in. diameter; standard 6 ft. reading on bottom edge, 2 in. steel case, **\$3.25 ea.**



Swedish Steel Tree Caliper 15 in.....**\$15.00**
18 in.**16.00**

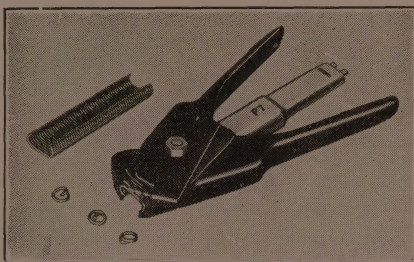
Ilgenfritz Fruit Tree Grader. Designed to meet the standards set by the American Association of Nurserymen. Brass, $3\frac{1}{4}$ in. long. **\$2.25 ea.**



BOSTICH P7 Hog Ring Type Stapling Plier

A new, one hand method of pinning burlap in balling.

Price, \$11.50



Staples (with $\frac{1}{2}$ in. opening). Box of 2,500, **\$3.50**

NURSERY SUPPLIES

WILT-PRUF

Prevents Winter burn
and Summer-scald

The safe anti-transpirant acclaimed by leading nurserymen for use in transplanting and propagating and as a protection against wind and sun damage. A liquid plastic concentrate applied by ordinary spray methods. 8 oz. pre-mixed with plunger type spray top for the home gardener, **\$1.49.**

Concentrate, to be mixed with 4 to 5 parts of water.

Plastic containers (12 to case) **Pint, \$1.98; Quart, \$3.50.**

One Gallon plastic jug (4 to case or packed single) **\$11.65.**

Five Gallon in metal pail, weight 55 lb. (mailable) **\$47.25.**

The Plant Hormone Powder

For better cutting results.

ROOTONE

Regular—2 oz. Jar, **\$1.25.** 1 lb. Canister, **\$5.00.**

No. 10 Double strength for slow rooting varieties.

2 oz. Jar, **\$2.25.** 1 lb. Canister, **\$10.00**

GRAFTING WAX

Genuine
Trowbridge

The oldest and best known grafting wax on the market. May be applied by the warmth of the hands, or by brush and melting pot. Instructions for grafting and top working fruit trees printed on each package.

¼ lb., **60c.** ½ lb., **80c.** 1 lb., **\$1.15** ✓

10 lb. Bulk Package, **\$9.00**

TREEKOTE. A black emulsion paste for pruning and grafting.

½ Pint, **90c.** Pint, **\$1.15** Quart, **\$1.50**

MERRIBROOKE Lantern Melter

Handles nicely any kind of wax and is recommended by leading Agricultural Colleges. Use slow burning kerosene. Capacity approx. 1 pint. Price, **\$9.90**

Clark Melter. 1½ quart bucket sets in galvanized metal jacket. Burns alcohol. 12 in. high. **\$9.30 ea.**

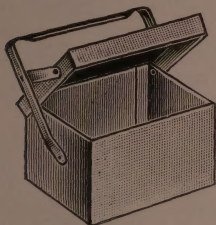


NURSERY SUPPLIES

Balling or PINNING NAILS (American)



For pinning the burlap around balls of earth. Faster and more economical than common boxing nails (approx. 352 pieces to the lb.) large $\frac{1}{4}$ in. head gives greater security. Illustration shows actual size and needle point of the **Standard 2 in. (6d) Size**. Some of our customers are also using a special size, $2\frac{1}{4}$ in. (7d) with $\frac{9}{32}$ in. head. You will like the **new 50 lb. Cartons**.



Price per Carton Standard 6d, \$9.45
Special 7d, \$8.95. FOB Piqua.

Smaller lots—5 to 10 lb. **23c**; 20 to 40 lb. **21c** lb.

The New **Nailtainer** eliminates rusty nail loss. Bright yellow aluminum with self opening lid. Holds $6\frac{1}{2}$ lb.

Price, \$5.95 Postpaid or 4 at **\$4.95** ea.

HANDY TWINE KNIFE

A clever little tool worn on the little finger of the left hand (if you are right handed).

Sizes: 4, 5, 6, and 7 for women.

Sizes: 8, 9, 10, 11, 12 and 13 for men.

Price, 30c ea., **\$3.00** dozen.



TREE WRAP

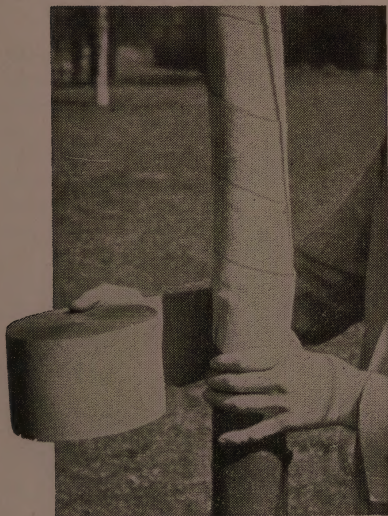
A Waterproof Kraft Paper crinkled to $33\frac{1}{3}\%$ stretch. Protects newly set fruit and shade trees against sun scald, loss of moisture and insect attacks. Wrap from top down. 8 in. dia. Rolls containing 50 yards.

10 Rolls, 4 in., weigh 24 lbs.

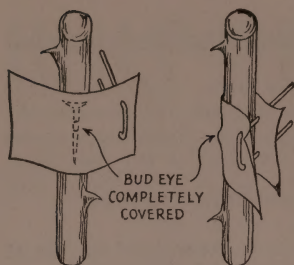
Less Bundle

Price	than of
per Roll	10rolls 10rolls
3 in. wide .. \$.80	\$.70
4 in. wide .. 1.00	.90
6 in. wide .. 1.50	1.35

Crinkled Duplex in
Rolls for wrapping roses, shrubs and trees. 200 yd.
Roll 36 in. wide, **\$21.00**
Roll 48 in. wide, **28.00**



BUDDING and GRAFTING SUPPLIES



SPEED EASY BUD TIES

U. S. Patent Applied for

SPEED EASY Bud Ties

The new elastic plastic bud covering from Europe which was successfully introduced by The Conard-Pyle Co. Improved results have been especially noted during excessively hot or wet weather. The eye grows through the plastic—no cutting is necessary. The No. 2 Rose is for larger understocks. Free sample, or 25 for 30c 100 for \$1.00

Price per 1,000 with pins.

No. 1 Rose, \$4.25; No. 2 Rose, \$4.40

No. 3 Fruit, \$5.00; No. 4 Fruit, \$6.00

No. 4 for understock $\frac{3}{4}$ in. diameter and larger

AIRWRAP KIT. Ideal for the beginner. Contains coated plastic material, plant ties and Sphagnum moss. \$2.25

Airwrap Sheets, 8 x 9 in. for the commercial grower. \$11.50 box of 250.

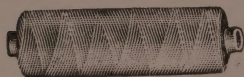


NURSERY GRAFTING TAPE

Resembles adhesive tape but its light cloth backing decomposes before the danger of girdling. Extensively used in difficult budding and grafting operations; effectively controls root graft knots.

60 Yard Rolls

✓ 1/4 in. wide.....	\$1.20
✓ 1/2 in. wide.....	1.55
3/4 in. wide.....	1.90
1 in. wide.....	2.40



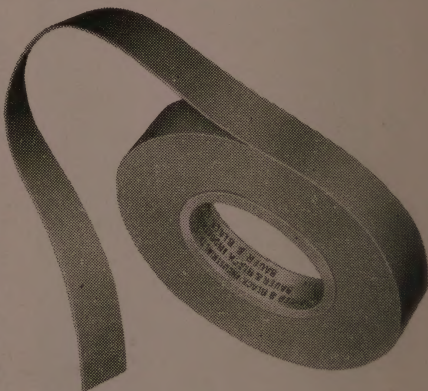
Waxed

GRAFTING THREAD

Per tube about 6 in. long.

90c

Raffia listed on page 80



RUBBER STRIPS

For Budding and Grafting

Not just strips of rubber cut to a convenient length, but a product of horticultural science perfected after many years of research by the largest growers in the U. S. in cooperation with the Goodrich laboratories.

ADVANTAGES

- (1) **FASTER APPLICATION.** No preparation. Easily and quickly attached.
- (2) **EVEN PRESSURE.** Over entire bound area, expanding with growth.
- (3) **GREATER PROTECTION.** Buds knit faster, and a better stand assured.
- (4) **SELF RELEASING.** Deteriorate in 2 to 3 weeks, automatically loosening.



Size	Length	Width	Gauge	Pcs. to the Lb.
No. 410	4 in.	$\frac{3}{16}$ in.	.010	2800
No. 510	5 in.	$\frac{3}{16}$ in.	.010	2250
No. 416	4 in.	$\frac{3}{16}$ in.	.016	2250
No. 516	5 in.	$\frac{3}{16}$ in.	.016	1700
No. 514	5 in.	$\frac{1}{4}$ in.	.016	1200
No. 420	4 in.	$\frac{3}{16}$ in.	.020	1800
No. 520	5 in.	$\frac{3}{16}$ in.	.020	1450
No. 620	6 in.	$\frac{3}{16}$ in.	.020	1080
No. 838	8 in.	$\frac{3}{8}$ in.	.020	450

Recommendations for Budding. In the North Central States for fruit stocks the Nos. 410, 510, 416, 516 and 514; for roses the Nos. 510 and 516. Tennessee growers favor the Nos. 416 and 516 or medium weight; and down in the Gulf States the citrus and pecan growers use the Nos. 520, 620 and 838.

For Grafting roses and evergreens the Nos. 410 and 510 light weight strips; for more difficult fruit and nut tree grafts any one of the heavier sizes.

PRICE LIST—F. O. B. Piqua

Trial lots, 30c oz. Standard Packages of 5 lb. of a size.
 .010 Gauge, **\$3.05 lb.** .016 Gauge, **\$2.80 lb.** .020 Gauge, **\$2.65 lb.**

For lots of 1 to 4 lb. add 15c per lb. and postage.

Write for prices on 25 lbs. or more.

AMATEUR GRAFTING KIT. Contains the No. 205 Budding and Grafting Knife, 8 oz. Grafting Wax, 60 yd. $\frac{1}{2}$ in. Grafting Tape, 250-300 Rubber Budding Strips in 4 sizes and full Instructions. **Price, \$6.00**

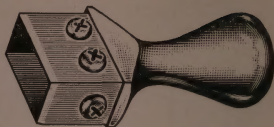
Or complete with Grafting Chisel for top working fruit trees, **\$7.95**

BUDDING KNIVES

JONES PATCH BUDDER

Cuts a patch $\frac{1}{2}$ x 1 in. Razor steel blades, aluminum handle. Full directions furnished. **\$2.65 ea.**

Extra Blades, 50c per set

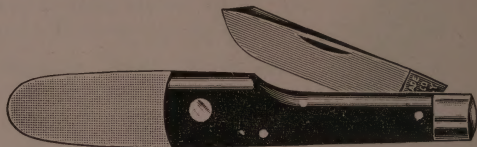


No. 671 Tina PECAN BUDDER

Two blades set $1\frac{1}{8}$ in. apart or spacing can be changed.
Walnut handle with brass opener. **\$4.75 ea.**

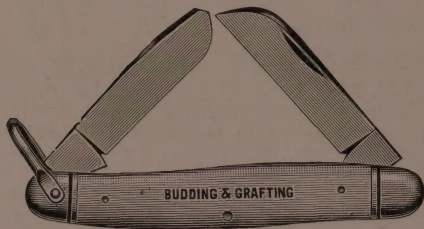
For wrapping the bud experts use either the Nursery Grafting Tape or the No. 838 Rubber Budding Strips.

No. 11 (Schrade) English Pattern



Standard size, $4\frac{1}{2}$ in., with brass lining and opener of bone as illustrated. **\$3.75 ea.**

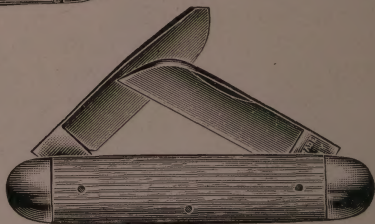
Also see the Tina Budding Knives, page 35.



No. 205 (Camillus)
4 in. curved handle with shackle. This Knife is included with Amateur Grafting Kit (page 31). **\$2.90 ea.**

No. 21SH FLORIST

Budding and grafting blades; strongly constructed with white handle. (Schrade).
\$3.25 ea.



No. 727 Twin Brand. A more slender Pocket Knife with two blades as illustrated. 4 in. with silver bolsters. **\$6.10 ea.**

GRAFTING KNIVES

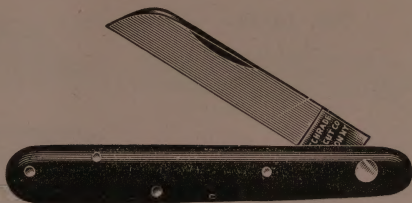
No. 13545

(Schrade)

Kunde Pattern with
heavy brass lining.
4-in. black handle.

\$2.75 ea.

For Left Hand see the
Tina Knives, page 35.



- No. 778 Twin Brand.** Finest import with black handle. **\$4.75**
No. 781. Smaller $3\frac{1}{2}$ in size; narrow, beveled blade. **4.75**
No. 1259 Wester Bros. Very similar with white handle **3.75**



No. 15C

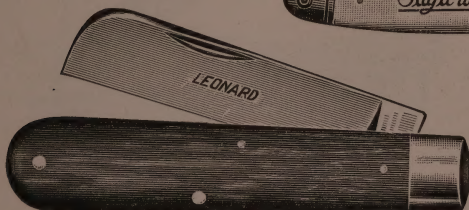
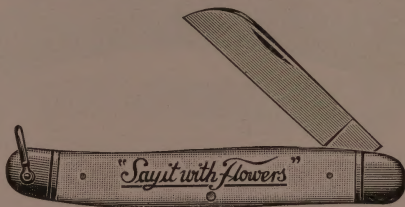
Small pocket size
 $3\frac{1}{4}$ in. with really
good steel in the
blade. Cocobola
handle. **\$2.00 ea.**

No. 15CW The above Knife with white handle. **\$2.00 ea.**

No. S198

A popular Knife for
Florists. White handle
"Say it with Flowers"

\$2.50 ea.



No. R1568

Propagating

A strong pattern
with wide, square
end blade. 4 in.

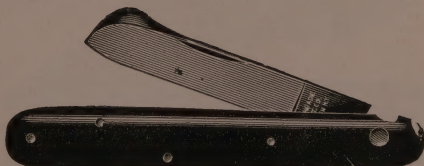
\$2.75 ea.

No. 780

Twin Brand

German import with 4
in. ebonite handle.

\$5.25 ea.



PRUNING KNIVES

No. 13SH

(Schrade)

A nice 4 in. pocket size with cocobola handle.

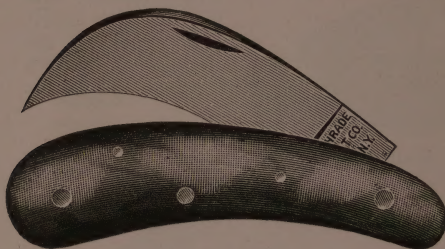
Our most popular Pruning Knife for all around use.

\$2.85 ea.



No. 113. A very similar Knife by Camillus with brass lock to hold blade open and hole for cord. **\$3.00 ea.**

No. 13C. Wider blade than illustrated above. 4 in. walnut handle with hole in end, brass lining and very finely finished. (Case) **\$3.75 ea.**



No. 123EW

The Kunde Pattern as reproduced by Case, Thick brass lining. large rivets. $4\frac{5}{16}$ in. **\$5.75 ea.**

The No. 630 Tina in the same size. **\$6.25 ea.**

No. S194CB

Cutting Knife with curved blade as shown.

\$2.25 ea.

No. S194B with budding blade. **\$2.25 ea.**
Also with straight blade.



No. 1060

(Schrade)

A long blade with strong steel lining. $4\frac{5}{8}$ in. cocobola handle. **\$3.00 ea.**



KNIVES

TINA BRAND - FINEST GERMAN IMPORT

No. 641 Budding



Standard pattern with curved walnut handle. 4 in. \$4.25 ea.
 No. 641C With straight black handle, brass lining. 4.25 ea.

No. 650E Budding



Genuine black bone handle with tapered point. 4½ in. \$4.90 ea.

No. 649 Budding



Walnut handle with folding brass opener. 4 in. \$5.10 ea.
 No. 645F Light pattern with black handle. 3½ in. 4.90 ea.

No. 605 Grafting



Standard pattern with curved walnut handle. 4 in. \$4.25 ea.
 No. 605C With straight black handle like No. 13545. 4.25 ea.
 No. 600A Heavier pattern with curved walnut handle.
 4½ in., \$5.00. With straight, round handle, \$4.70 ea.
 Nos. 641, 641C, 605 and 605C for Left Hand 35c additional

No. 608 Grafting



For evergreens and camellias; walnut handle. 4 in. \$4.25 ea.
 No. 608C With straight black handle, brass lining. 4.25 ea.

No. 620 Pruning



Blade curved as illustrated; walnut handle. 4 in. \$4.95 ea.
 No. 615 Longer blade not so curved. 4¼ in. 4.90 ea.

Standard Pruning Knife

See Page 34



No. 626 Medium heavy pattern, not curved quite so much as shown above. Very popular. 4¼ in. with brass lining. \$5.25 ea.
 No. 635 Extra heavy pattern with more hook. 4¾ in. \$7.25 ea.

KNIVES for GROWERS



No. SS700

For fruit sampling with stainless steel blades, pearl handle. 4½ in. \$4.00 ea.

Tiffany GRAFTING TOOL

For top working fruit trees. Forged Steel, 6 in. \$2.00 ea.



No. 403. Dahlia Dividing Knife

An all purpose garden and paring knife. 7 in. 65c ea.

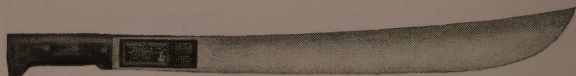


No. S151 Flower Cutting Knife

Stainless steel blade with brown handle. 5½ in. 65c ea.

Berry or Weed

Hook. 45 in. long
No. 59 \$1.95 each



MACHETES

In Central and South America you will find Collins Machetes being used for every conceivable cutting purpose.

No. 128 As illustrated, 22 in., \$3.50 Leather Sheath, \$4.35 ea.

No. 127 With wider blade, 17 in., \$3.25 Leather Sheath, \$3.75 ea.



No. 1 SANDVIK BUSH AXE

28 in. long with double beveled blade, \$6.95 Extra blade, \$1.50

How to Sharpen a Knife. Use a fine or medium oil stone or whetstone—never use a coarse stone or dry grinding wheel. Draw the blade against the cutting edge from heel to point, holding the blade at an angle of 15 to 20°. Put a drop of oil in each joint of folding Knives to prevent spring breakage.

KNIVES

STATIONARY BLADED



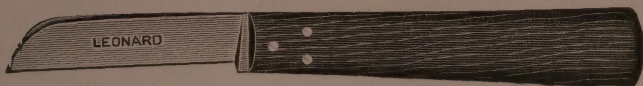
No. 9X BUDDING. This popular Schrade Knife now comes with rounded laminated handle. 6 in. **\$1.30** ea.

No. 9W Budding. German import like above. **\$1.65** ea.

No. 683 Tina Budding. Standard size as above. **\$2.00** ea.



No. 9C BUDDING (Case No. 533). Standard 6 in. size. Tested hardness and finely finished. Now available with oval or flat handle as shown. **\$2.10** ea.



No. 8 1/2 X SMALL GRAFTING. (Schrade). 6 1/2 in. with blade riveted in new laminated handle. **\$1.30** ea.

No. 8 1/2 W Grafting. German import like above. **\$1.65** ea.

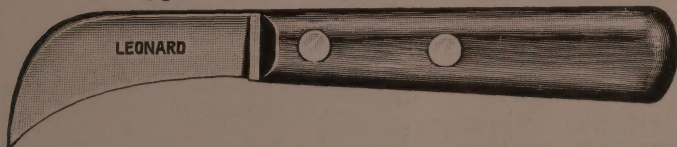
No. 685 Tina Grafting. Standard size as above. **\$2.00** ea.



No. 8 1/2 C Grafting. (Case No. 533). Fine for making scions or cuttings. 6 in. with flat handle. **\$2.10** ea.



No. 8 JUMBO GRAFTING. Heavy 3 in. blade, overall length 7 3/4 in. Oval walnut handle. **\$2.50** ea.



No. 7 PRUNING KNIFE. An old favorite of finest quality. Heavy, oval walnut handle. 7 3/4 in. **\$2.60** ea.

Leather Sheath for the No. 7, **90c** ea.

SHARPENING STONES

CARBORUNDUM POCKET STONES

No. 149. $3 \times \frac{7}{8} \times \frac{3}{8}$ in. thick,
fine grit. 45c ea. \$4.80 doz.

No. 102. Carborundum Hone.
 $4 \times 1\frac{1}{2}$ in. Made of extra fine
selected powder. \$1.60 ea.

No. 940. Tina Sharpening Stone. A fine artificial Stone of
German import. $4 \times 1\frac{1}{2} \times \frac{3}{4}$ in. thick, one side rounded for
pruning knives, other side flat for budding and grafting knives.
\$2.20 ea.



ARKANSAS POCKET STONES

For a keen edge use these
natural white stones.

1 in. wide $\times \frac{1}{4}$ to $\frac{3}{8}$ in. thick.

	Soft	Hard
3 in.	\$1.25	\$2.45 ea.
4 in.	1.45	2.95 ea.

SCYTHE STONES

Fast Cutting Crystolon.

$\frac{5}{8} \times 1 \times 10$ in...\$.70 ea.

$\frac{3}{4} \times 1\frac{1}{4} \times 10$ in... .80 ea.



BENCH STONES. No. 111 Carborundum. One side coarse
the other fine grit. Size, $5 \times 2 \times \frac{3}{4}$ in. \$2.15 ea.

No. 110. Carborundum. Size, $7 \times 2 \times 1$ in. \$2.80 ea.



No. JT8 Crystolon
Home and Garden

One side flat, other side beveled. $10\frac{1}{2}$ in. \$1.30 ea.



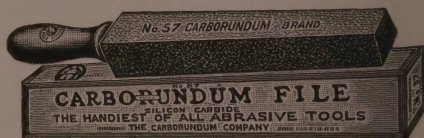
STEEL FILE. Mill Bastard for Hoes, Spades and X Cut Saws.
8 in., 71c 10 in., 92c 12 in., \$1.35 ea.

See page 60 for complete listing of Files.

CARBORUNDUM FILE No. 57

For sharpening spades,
hoes, axes, etc. 13 in.

\$2.00 ea.



SCYTHES and GRASS HOOKS



Little Giant SCYTHER BLADES

The "All Day Scythe" of three piece welded steel construction. Wide heel.

Grass, 32 in. narrow pattern.....\$5.30 ea.

✂ Weed, 26 in. as illustrated..... 5.30 ea.

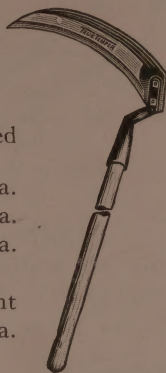
Bush, 16 in. wider, heavier blade..... 5.30 ea.

No. 46 Austrian Swan Brand

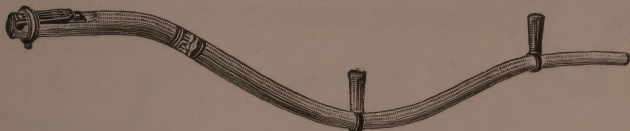
Thin, hand hammered blade with tang for Straight Snath. Light for fast cutting, 30 in.....\$6.30 ea.

No. 250 Long Handle Grass Hook

Complete with 44 in. handle.....\$2.30 ea.



No. 250



SNATHS or Scythe Handles

A superior Snath with adjustable locking device.

No. 50 Back Saver. Light wt. for grass.....\$4.75 ea.

No. 300 Sta-Tite. All purpose standard weight..... 5.20 ea.

No. 20 Straight Pattern for Austrian Scythe..... 4.40 ea.

No. 3 GRASS HOOK

Village Blacksmith Full polished blade with off-set handle.

\$1.50 ea.

No. 13 Lawn Queen

12 in. blade of finest steel with exclusive concave back. Round off-set handle, \$2.55; or without off-set, \$2.40 ea.

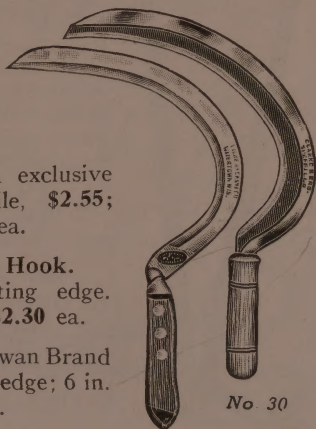
No. 30 Riveted Back Grass Hook.

Thin blade with 16½ in. cutting edge.

No offset. English import. \$2.30 ea.

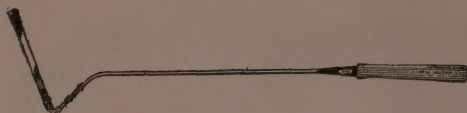
No. 414 Austrian Grass Hook. Swan Brand

Thin blade with 11½ in. cutting edge; 6 in. curved shank. \$3.20 ea.



No. 30

LAWN TRIMMERS

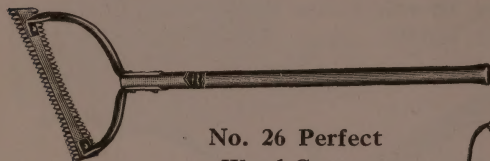


No. 165 GRAS-WIP. Swing it like a golf club.
Village Blacksmith. **\$2.50** ea.

No. 29 True Temper Grass Whip. Serrated blade.
\$1.95 ea. Extra blades, **78c**

STAND-UP GRASS SHEARS (right)

No. 241 Wallace. 6 in. Adjusta-blade swings
through 90 degree arc for vertical or horizontal cut.
A new patented tool. Packed single. **\$5.95** ea.



No. 26 Perfect Weed Cutter

The original tool of this kind with
serrated (or plain) double edge blade.
\$2.25 Extra Blade **84c**.



Little Wonder EDGER and TRIMMER

Permanently guarded
blades trim an $8\frac{1}{4}$ in.
swath. In edging po-
sition rotating pave-
ment guide provides
deep cutting power.

Net wt. 8 lb.

Price, \$49.50

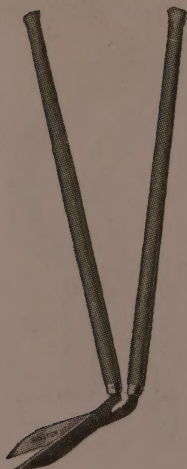
50 ft. 3 wire cord, **\$6.10**

No. 104 BORDER SHEAR (left)

9 in. Hedge Shear with blades set for vertical
cut; 36 in. hardwood handles.

Weight, 5 lbs. **\$5.95** ea.

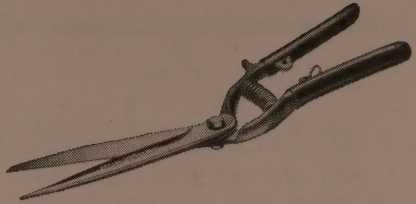
No. 106. The same construction except that
the blades are set horizontal like a grass shear.
Mailable. **\$5.95** ea.



GRASS SHEARS

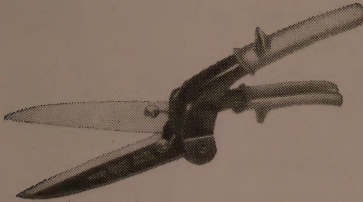
No. 5600 WISS

First choice of the professional gardener. Will cut tough grass or heavy foliage. Green vinyl grips. **\$3.75 ea.**

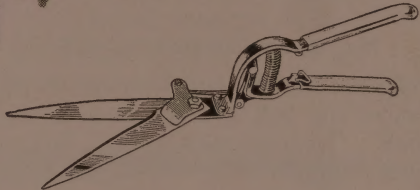


No. 701 Wiss Grass Master

New easy action, soft red grips. **\$2.59 ea.**



No. 55 CORONA
New pump action
Soft grips. **\$3.25.**



No. 5 Corona GRASS SHEARS

Forged steel with soft "Oron" grips. High clearance. **\$3.25 ea.**

New No. 2 MIRACLE Push Cut



The original Grass Shear of this design, a revelation in easy cutting. **Price, with soft rubber cushion handles, \$3.10 ea.**



SHEEP SHEAR Pattern

6 in. full polished
with offset handle

No. 060 as illustrated above, with cushion rubber grips. **\$1.95 ea.**

No. 401 FLORIST

Will cut foliage, wire or ribbon. 8 in. with 2½ in. cut. **\$4.30 ea.**



FORESTRY TOOLS



No. 606 TIMBER CARRIER

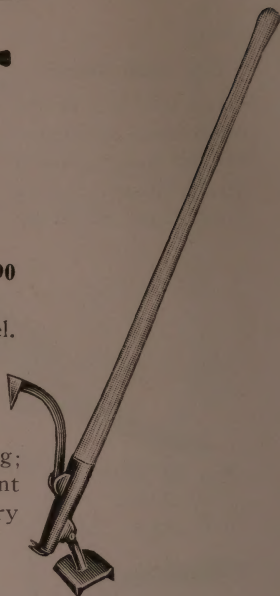
4½ ft. hickory handle, \$11.80.

Loading Tongs with ring. 21 in., \$15.90
24 in., \$18.20 32 in., 20.40

Skidding Tongs with hook and swivel.
24 in., \$19.30. 32 in., \$21.60

No. 95 American HI-JACK

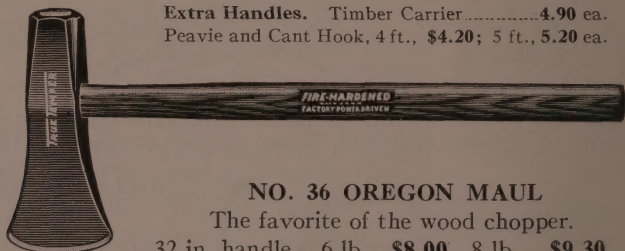
Holds the log off the ground for sawing;
remove one bolt and you have a Cant
Hook. Complete with 4½ ft. hickory
handle. \$16.50



No. 514 CANT HOOK. Without the Hi-Jack feature. Com-
plete with 4 ft. hickory handle, \$10.20. 5 ft., \$11.00.

No. 49 Peavey. 4 ft. hickory handle, \$12.00 5 ft., \$13.40

Extra Handles. Timber Carrier.....4.90 ea.
Peavie and Cant Hook, 4 ft., \$4.20; 5 ft., 5.20 ea.



NO. 36 OREGON MAUL

The favorite of the wood chopper.

32 in. handle. 6 lb. \$8.00 8 lb., \$9.30

Falling WEDGE

6 lb., \$6.00; 8 lb., \$7.10 ea.

Splitting Wedge

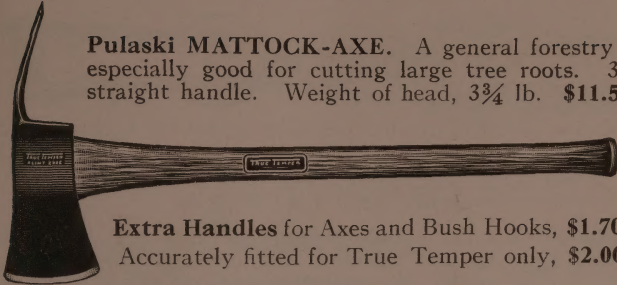
Narrow Pattern, 4 lb., \$2.55

6 lb., \$3.15 ea.



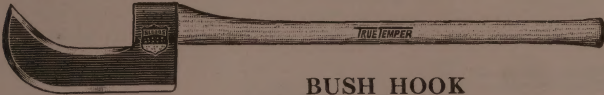
SLEDGE. Double Face assembled with handle. 8 lb., \$7.95.
12 lb., Sledge, \$10.30 Extra Sledge Handles, \$1.35 ea.

FORESTRY TOOLS



Pulaski MATTOCK-AXE. A general forestry tool, especially good for cutting large tree roots. 36 in. straight handle. Weight of head, $3\frac{3}{4}$ lb. **\$11.50 ea.**

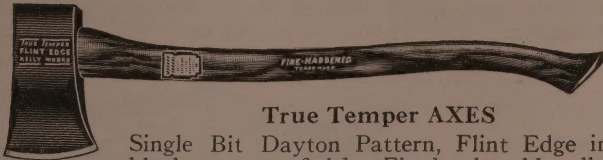
Extra Handles for Axes and Bush Hooks, **\$1.70 ea.**
Accurately fitted for True Temper only, **\$2.00 ea.**



BUSH HOOK

No. 32. With 2 sharp edges. $3\frac{1}{4}$ lb. **\$6.00 ea.**

No. 10 Bush Hook, one edge with curved axe handle. **\$6.00**

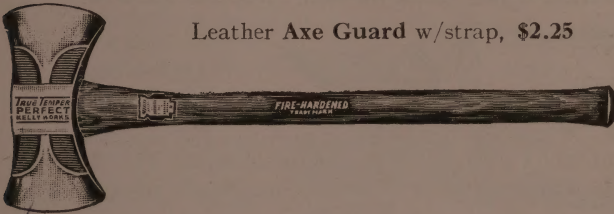


True Temper AXES

Single Bit Dayton Pattern, Flint Edge in black penetrate finish. Fire hardened handle.

$3\frac{1}{2}$ lb. Head., **\$7.50.** 4 lb., **\$7.80.** 5 lb., **\$8.40 ea.**

Woodslasher Axe, $3\frac{1}{2}$ lb. Single Bit, **\$5.50.** Double Bit, **\$6.50**



Leather Axe Guard w/strap, **\$2.25**

Kelly Perfect DOUBLE BIT AXE

Western Pattern with almost straight edge.

3 lb., **\$8.40;** $3\frac{1}{2}$ lb., **\$8.40;** 4 lb., **\$8.70 ea.**

CLIMBING SPURS (Buckingham)

$3\frac{1}{2}$ in. gaff for rough bark. Sizes 15, $16\frac{1}{2}$ (standard) and 18 in. **or adjustable.** Spurs only, **\$12.50 pr.**

Leather foot and leg straps with pads. **\$9.70 set.**

Deluxe Pads with extended wing, **\$1.55 extra.**



HAND PRUNING SHEARS

Nos. 123-124-125 PROFESSIONAL



The Kunde pattern forged in Germany under the Leonard trade mark. Hard cutting edge, security plate for nut and leather catch.

No. 123. 7 in., \$3.85. No. 124. 8 in., \$3.95
No. 125. 9 in., \$4.50 ea.

No. 880 TINA. The Kunde Pattern as illustrated above with honed cutting edge and the finest German hand workmanship.
7 in., \$4.70. 8 in., \$5.10. 9 in., \$5.40 ea.

Extra Bolt and Nut, 40c. Security Plate and Screw, 20c. Leather Catch, 20c.
Volute Spring, 25c. Leather Case, 8 in., \$2.20; 9 in. \$2.40

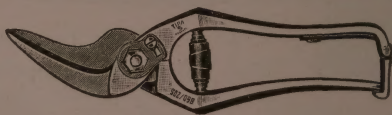


No. 84 Wester Bros.

German import

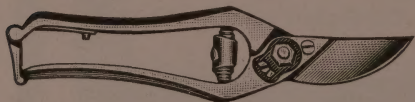
Narrow model with heavy beveled blade, extended end latch and ratchet nut. 7 in., \$4.80 8 in., \$5.10 9 in., \$5.40 ea.

No. 81 Pocket Size. 6¼ in. full nickel plated. \$4.75 ea.



No. 860 Tina Close Bud Pattern

The thin blade makes a close, knife-like cut; excellent for cutting stocks off just above the bud. 8¼ in. \$8.50 ea.



TINA Lightweight Double-cut

No. 870. A precision made Shear with the fine double-cut features and open end latch. Also, renewable blade. 8 in. \$7.35 ea.

No. 852. Tina. Standard weight double-cut pattern. 8 in. \$8.50 ea.

No. 855 DAHLIA SHEAR



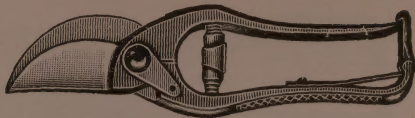
Narrow, double cutting blades. Tina Brand. 8¼ in. \$9.25 ea.

Extra Volute Springs for Professional Pruning Shears.

Please give number of Shear if possible. 25c ea., \$2.40 doz.

HAND PRUNING SHEARS

No. 626 Berg DOUBLE CUT

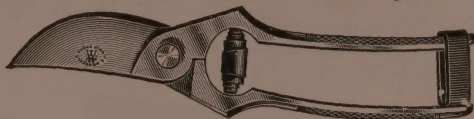


Swedish import. Full double cutting blades of exceptional hardness. Gun metal finish. 7 in. Pocket Size **Special, \$5.00** ea.
New 8 in. size with leather catch, **\$6.95** ea.



No. 2 FELCO 8 in. Swiss Import

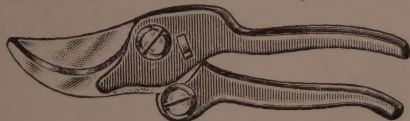
Wide comfort handles of unbreakable light metal. Replaceable blades. **\$5.95** ea. Special leather Sheath with belt clip, **\$2.25**



No. 194 HENCKEL Twin Brand

New design with heavier beveled blade and hook with new open end, sure-grip handles. 8¼ in. **\$6.50** ea.

No. 193. Heavier handles w/ thumb rest and metal latch. **\$8.50**

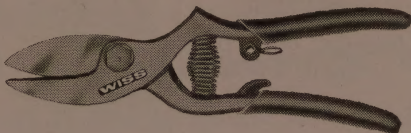


No. W45 Wilkinson KNIFECUT

Acclaimed the finest Pruning Shear in the world.
Light alloy handles, floating bearings, new cushion stop.
8½ in., Delivery late Spring 1963. **\$12.95** ea.

No. 808 WISS DRAW CUT

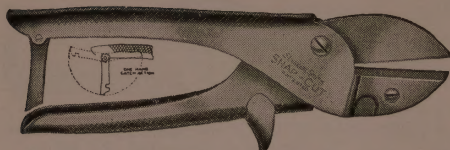
Off-set bolt for drawing cut. New design with vinyl grips. 8 in. **\$3.95**



LEATHER SHEAR or TOOL CASE

8 in. for No. 124 Pruning Shear or Pliers.....	\$2.20
8 in. Special for Nos. 119 and 908 Shears.....	2.30
9 in. for No. 125 and other 9 in. Shears.....	2.40

HAND PRUNING SHEARS



No. 119
The Original
SNAP-CUT

Chrome plated; all parts replaceable. 8 in. **\$3.25** ea.

Extra Parts for No. 119—Blade, **60c**; Anvil with Screw, **25c**; Bolt and Nut, **20c**; Spring and Rivet, **20c**; Leather Case, **\$2.30**

No. 118 Ladies' Snap-Cut. A handy 6 in. pocket size. **\$2.59** ea

No. 908 HY POWER

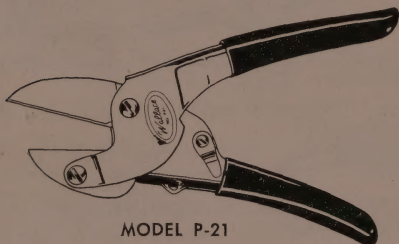
A heavier pattern with the draw-cut action.

Wiss 8 in. **\$3.50** ea.

No. 907—7 in. size, **\$2.95**

No. 907G—7 in. with green comfort grips and hand guard, **\$3.25** ea.

Extra Parts—Anvil with Screws, **25c**; Bolt and Nut **20c**; Coil Spring, **15c**



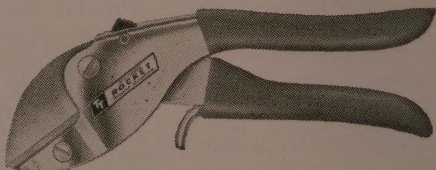
WALLACE P-21
POWER-LINK

Cutting jaws open parallel for 40% greater cutting power. Black cushion grips 8 in., **\$3.25** ea.

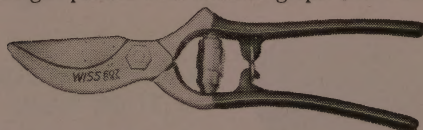
MODEL P-21

No. A35 ROCKET PRUNER

Draw-cut onto brass anvil. 8 in.



Bright plated with cushion grips. **\$3.25** ea. Anvil, **30c**. Blade, **60c**



ROSE
SHEARS

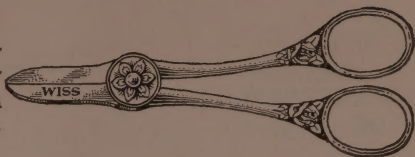
No. 607 Wiss. Chrome plate and red enamel. 7 in. **\$2.95** ea.
Also comes in full chrome plate at **\$3.50** ea.

No. 609. Redesigned 9 in. size with vinyl grips. **\$4.25** ea.

SMALL HAND CLIPPERS

No. FH4 FLOWER
Cuts and holds. 6½ in.
chrome Wiss. \$2.75 ea.

No. W43 Wilkinson
Flower Gatherer. 7 in.
Inquire first. \$5.95

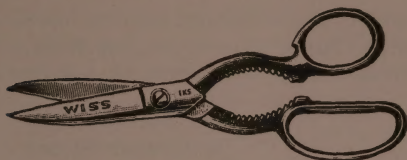


No. IKS

Garden and Kitchen

Choice of colors: red,
pink, yellow, turquoise
and green.

8 in. \$3.65 ea.



No. 4 CORONA

With neoprene
handles. 6¼ in.

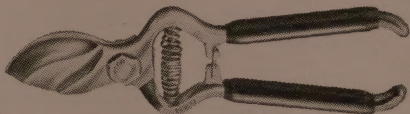
For picking fruits and flowers and making cuttings. \$2.55 ea.



No. 8 CORONA

With neoprene
covered handles
and bumper stop.

Calkins pattern, No. 8-6¾ in., \$3.95. No. 800-7½ in., \$4.65 ea.
The New No. 60 with narrow blade. 8 in. \$3.85 ea.



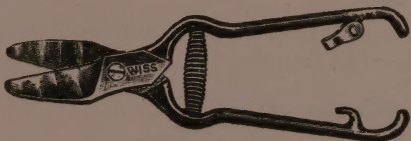
Corona
Grape or
Thinning.

No. 21S—with straight blades, \$2.85. No. 21C—curved, \$2.95 ea.

No. C1. Orange and
Vegetable Clipper.

7 in. \$2.95 ea.

Extra Springs, 90c doz.



No. C4 THINNING
and Picking Shear.

7½ in. \$3.00 ea.

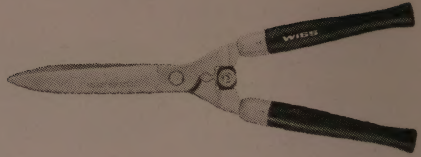
No. C4A Heavy Pattern with heavier curved blades. \$3.25 ea.

The No. C4A is also available with straight blades, price \$3.25 ea.

HEDGE SHEARS

WISS ENGLISH PATTERN

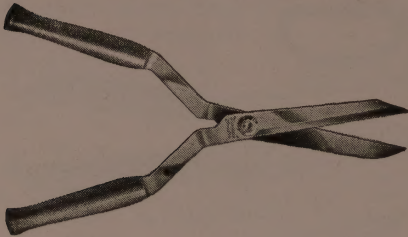
Redesigned



New neoprene shock absorber; lower blade serrated w/notch.

No. 8½E—8½ in., \$6.50 No. 9½E—9½ in., \$6.95 ea.

Extra Bolt and Nut, 35c; Shock absorber (old or new style) 40c ea.



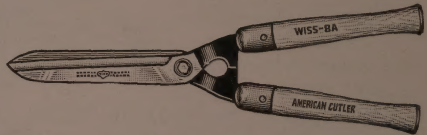
No. W422

Wilkinson Sword

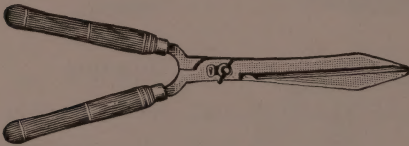
Perfectly balanced. 8 in.
hollow ground blades,
floating bearing. New
bumper stop.

\$11.95 ea.

Wiss STANDARD
No. 8A-8 in. \$4.95 ea.



No. 9A—9 in. Lower blade notched and serrated. \$5.95 ea.



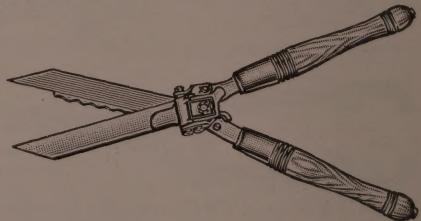
No. SC 11
11 in Cut
PROFESSIONAL

No. SC11. New improved model from one of the best West
German factories. Long tangs, full 11 in. cut. \$10.95 ea.

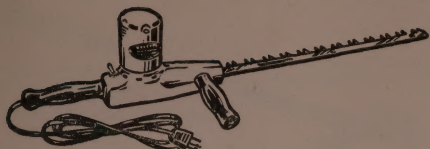
No. 500 Miracle

Extra power without
extra weight or fatigue.
High pivot mounting
with shock absorber.

9 in. \$6.25 ea.



HEDGE SHEARS



Little Wonder Electric

With two beveled edge
cutting blades.

Expert workmanship backed by over 35 years of experience.

No. 16—16 in. cutting surface, **\$59.50**; **No. 30**—30 in., **\$89.75**

Sunbeam Electric. 12 in. as nationally advertised, **\$49.95**

Extra Cord—18 gauge, 2 wire, 50 ft., **\$4.50**; 75 ft., **\$6.50**; 100 ft., **\$8.25**

3 Wire for safety—18 gauge, 50 ft., **\$6.10**; 100 ft., **\$11.75**

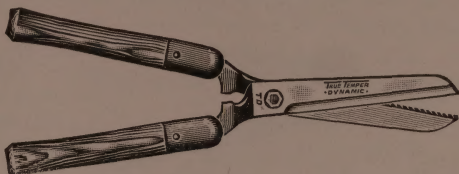
16 gauge, 50 ft., **\$8.55.**

No. TD

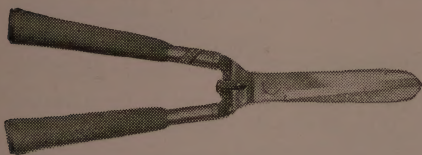
True Temper

Oval handles and
serrated blade.

8½ in. Weight,
2½ lb. **\$4.95 ea.**



No. T85 DeLuxe True Temper Pattern with mirror polished
blades, chrome ferrules and rubber bumper. **\$5.50 ea.**

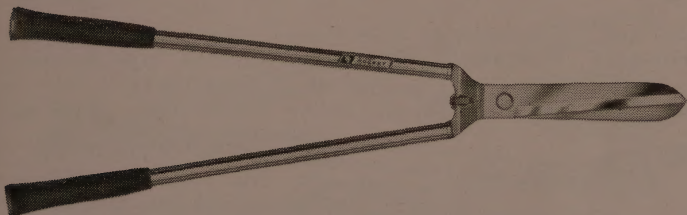
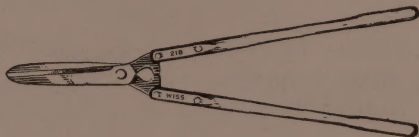


No. AT85 ROCKET

True Temper with
tubular steel shafts,
cushion grips. **\$6.95 ea.**

No. 7L Hedge Shear.

8 in. Corona with 21
in. handles; bumper
stop. **\$6.25 ea.**



No. AT85L EVERGREEN SHEAR. The True Temper Rocket
Hedge Shears with the longer Lopper Handles. 3¼ lb. **\$7.95 ea.**

LOPPING SHEARS

TIFFANY

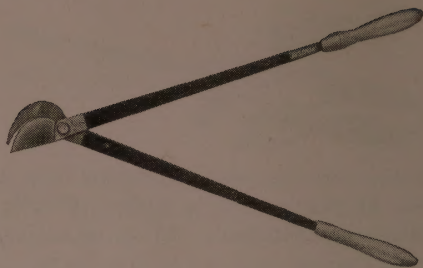
All Steel Pattern

Cannot be excelled for lightness and strength. Takes up to 1½ in.

Price each

No. 525—25 in., \$8.39

No. 530—30 in., 8.75



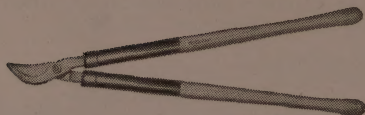
No. 7 Disston. A heavier Tiffany Pattern with full drawing cut. 28½ in. overall, Wt., 3¾ lb. \$8.39 ea.



No. 110 Wiss Home PRUNER

Just the right size for the woman gardener.

10 in. handles. \$3.75 ea.



No. 19-BF Wiss

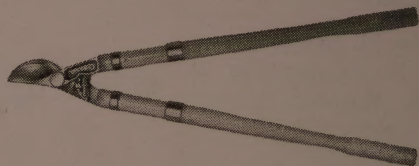
Standard pattern for vineyard and orchard.

20 in. handles. \$5.25 ea.

No. 224-T Wiss Heavy Duty Tree Pruner with 24 in. handles; cuts up to 2 in., Weight 4½ lb. \$6.95 ea.

CORONA LOPPERS

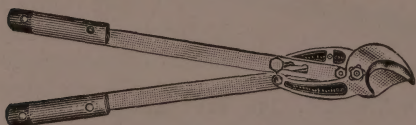
With Neoprene
Rubber Bumper



No. 195. Featherweight Vine Pruner. 19½ in. \$5.90 ea.

No. 122T. Lightweight with new ferruled-on type handles. 22 in. overall; weight, 1 lb. 8 oz., \$7.10 ea.

No. 26T. Heavy duty type. 26 in.; weight, 2 lb. \$7.55 ea.

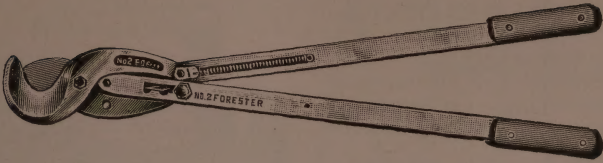


HKP POINTCUT

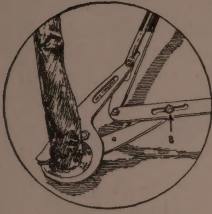
No. 1 size for a close, smooth cut right at the point. Without slide shift, 1¼ in. capacity.

Two Sizes—20 in., \$11.80; 24 in. \$12.10 ea.

LOPPING SHEARS



HKP FORESTER

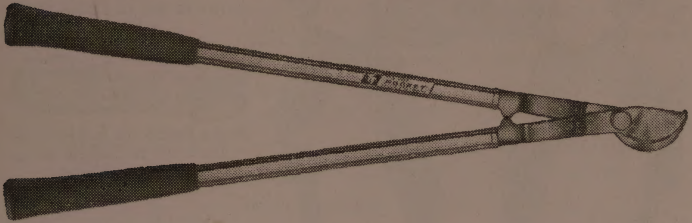


A new idea in pruning tools . . . large capacity, quick, clean cut, and the power is in the tool. Patented slide shift gives amazing multiplication of cutting pressure. No strain on tool or operator.

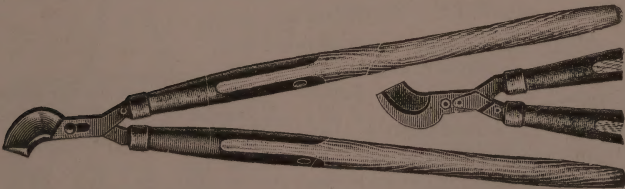
Repair Parts carried in stock.

The **No. 2 HKP Forester**, 27 in. long, 1½ in. capacity, weight 4 lbs. 10 oz. **Price, \$14.30.** Cutterhead only, \$8.20

The **No. 3 HKP Forester**, 34 in. long, 2 in. capacity, weight 7 lbs. 4 oz. **Price, \$18.40.** Cutterhead only, \$11.20



No. A105 ROCKET Lopper. True Temper with tubular steel shafts and cushion grips. 26 in. overall length. **\$7.95**



No. 540. Clyde Draw Cut. The cutting blade slides in a slot, producing a powerful, slicing cut. 24 in. handles. **\$11.70**
Extra Bolts, 90c ea. Rivets, 60c doz. Handles, \$1.30 ea.

SAFETY SADDLES

No. 1302 WEB BELT

(Buckingham)

4-ply cotton webbing, moisture treated with soft harness leather lining. Complete as illustrated (right). **\$26.25**

No. 1301. The same but without the leather lining. **\$20.00.** Please specify standard (36-44) or large (40-48).

New Nylon. Made like the belt above; soft brown with nylon stitching (no rivets) **\$16.50**

Tool Belt Snap. As shown. Fits Tree Harness - **65c** ea.

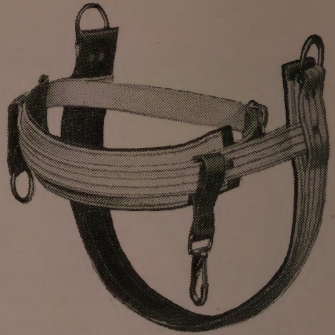


Nelson SAFETY SADDLE.

As illustrated (right) complete with D rings and Manila rope. Adjustable 36 to 44 in. **\$29.50**

Safety or Lineman's Belt 31½ in. harness leather with 1½ in. tool holder and buckle section. D rings for Safety Strap. Sizes 36, 38, 40, and 42. **\$14.40.**

Safety Strap. 2 in. wide, 5 ft. 10 in. long with snaps. **\$16.65**



TREE HARNESS

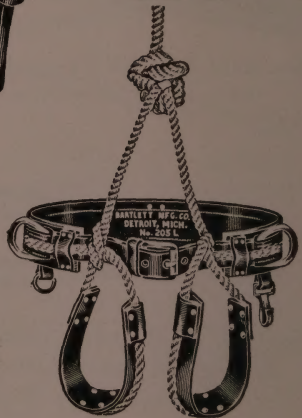
All leather Safety Saddle with tested hardware. Designed by a foremost Tree Surgery Company with many hundreds in use.

\$20.90



Rope Snap for connecting ½ in. Rope to Saddle Ring.

\$4.50 ea.



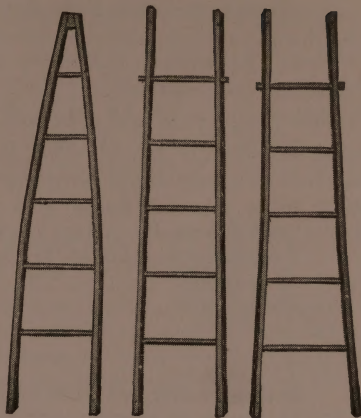
LADDERS and ROPE

SECTIONAL TREE LADDER

Especially constructed for the tree expert and orchardist. Sides $1\frac{1}{8}$ x 3 in. of light weight Sitka Spruce; hickory rungs countersunk and sealed against decay.

The Sections slide together. You can order just the lower and middle sections, or all middles (6 ft. illustrated).

New feature—Steel braces on top and bottom rounds.



Price for Bottom and Middle Sections
8 ft., **\$14.40.** 10 ft., Wt. 20 lbs. **\$18.00**
Top Sections—8 ft., **\$16.00** 10 ft. **\$20.00**

TRIPOD LADDER

Also makes a closed top single Ladder
A favorite for both landscape maintenance and for picking fruit. **Price Each**

6 ft., 23 lb. **\$14.90** 10 ft., 34 lb. **\$24.90**
8 ft., 29 lb. **\$19.90** 12 ft., 41 lb. **\$30.50**

Blue Heart MANILA ROPE

A smooth and uniform Rope, natural color with excellent flexibility.

Climbing Rope, $\frac{1}{2}$ x 120 ft., \$9.50 150 ft. **\$11.80**

This is 3 ply Rope; 4 ply is priced the same as Maritime below.

600 ft. Carton $\frac{1}{2}$ in. Blue Heart, **\$41.50** Maritime, **\$44.50**

$\frac{1}{4}$ in. Pruner Rope **\$2.40** per 100 ft.

$\frac{5}{16}$ in. Pruner Rope **3.50** per 100 ft.

$\frac{3}{8}$ in. Pruner Rope **4.70** per 100 ft.

$\frac{5}{8}$ in. Tree Rope **13.50** per 100 ft.

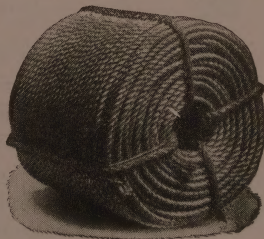
$\frac{3}{4}$ in. Tree Rope **15.90** per 100 ft.

Maritime Manila, treated to repel water, prevent mildew and resist electric conductivity.

$\frac{1}{2}$ x 120 ft. **\$10.20**; 150 ft. **\$12.70**

$\frac{5}{8}$ in. **\$14.30**; $\frac{3}{4}$ in. **\$17.00** per 100 ft.

1 in. x 150 ft. Tree Rope, **\$41.50**



TREE TRIMMERS

PORTER HKP Pole Pruner

The draw cut blade and sharpened hook make a close, smooth cut up to $1\frac{1}{4}$ in.

Price, for the Head only.....\$11.90

Complete with rope and solid pole:

8 ft., \$16.00; 10 ft., \$16.90; 12 ft., \$17.90

Add \$1.00 each for octagonal poles enameled green.

HKP with jointed Poles with close fitting sleeve which actually make a stronger pole.

Price for complete Pruner

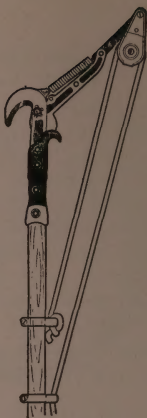
12 ft. (2 sections).....	\$20.50
12 ft. (3 sections).....	22.70
14 ft. (2 sections).....	21.30
16 ft. (2 sections).....	22.20
18 ft. (3 sections).....	24.90

Sectional Octagonal Poles for HKP, No. 11 and Pole Saws.

These are now interchangeable and have two coats of dark green paint.

4 ft. Top.....	\$2.60	Middle.....	\$3.30	Bottom.....	\$2.40
6 ft. Top.....	3.20	Middle.....	3.90	Bottom.....	3.00
8 ft. Top.....	4.00			Bottom.....	3.80

REPAIR PARTS—Blade, \$4.10. Spring, 60c. Pulley, 75c. Pivot Bolt Assembly, 40c. Lock or Sub Washers, 50c doz. Rope Guide, 55c. Sectional Sleeve Assembly complete, \$3.30.



TELEPHONE PRUNER (Left)

No. 11. Enclosed blade with chain pull.
Full 1 in. cut. \$4.85 ea.

Complete with 10 ft. solid pole and rope. \$ 8.95
12 ft., \$9.95 12 ft. (2—6 ft. sections) 12.25
16 ft. (2—8 ft.) 13.95 18 ft. (3—6 ft.) 16.35

Repair Parts—Blade, 35c. Pulley, 50c. Chains 40c. Spring with rod, 35c. Bolts, 30c ea.

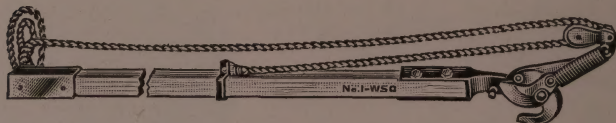
No. 12. Telephone Pruner

$1\frac{1}{2}$ in. cut, weight $3\frac{1}{2}$ lb. Double spring; takes special pole, $1\frac{3}{4}$ in. dia.

Price, \$10.50

Complete with 12 ft. solid pole and rope. \$17.50

Complete with 18 ft. pole comprising 3—6 ft. Sections and $\frac{3}{8}$ in. rope, wt. 14 lb., **Price, \$27.80.**

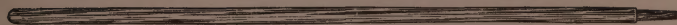


No. I-WSQ COMPOUND LEVER with new square end socket.

Price for Head only, \$14.40, or complete with $\frac{3}{8}$ in. rope and 8 ft. solid pole, \$19.30. 10 ft., \$20.30. 12 ft., \$21.40.

Price with Sectional Poles using a locking brass sleeve. 2 Sections, 12 ft., \$26.90; 16 ft., \$28.60; 3 Sections, 18 ft., \$34.90.

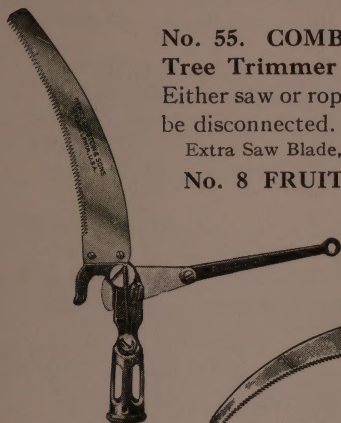
TREE TRIMMERS



PRUNER POLES of selected Basswood or Western Hemlock. Light weight and smoothly finished with one coat of shellac.

Round, $1\frac{5}{16}$ in. dia. 8 ft., \$2.30; 10 ft., \$2.90 ea. 12 ft. (round or octagonal), \$3.80; 14 ft., \$4.80; 16 ft., \$5.90 ea.

Square Poles $1\frac{1}{8} \times 1\frac{1}{4}$ in. with tapered or square ends. 8 ft., \$2.10; 10 ft., \$2.70; 12 ft., \$3.50 ea.



No. 55. COMBINATION Tree Trimmer and Saw.

Either saw or rope lever can be disconnected. \$12.00

Extra Saw Blade, \$4.50 ea.

No. 8 FRUIT PICKER



Black metal frame with pole socket and heavy cloth bag. \$2.25 ea.

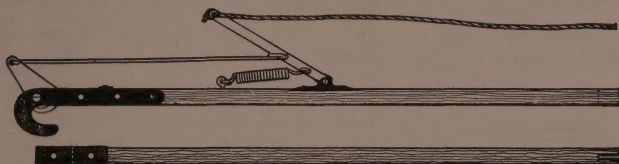


No. 440. Double Strap mounting with 15 in. blade.

10 ft., \$12.50. 12 ft., \$13.50



No. 45. POLE SAW. Head with 15 in. blade, \$12.25 ea. Complete with 10 ft. round or square pole, \$16.50. Blades, 95c

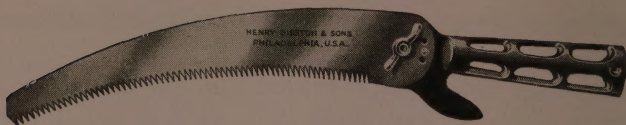


WATERS PATTERN Tree Trimmer

No. 1312 Tip Top as illustrated, 2-6 ft. Sections, \$7.75 Add \$1.75 for Pole Saw for the No. 1312

No. 100. Clyde with full length wire pull, shellac finish. 6 ft., \$5.50; 8 ft., \$6.00; 10 ft., \$6.50; 12 ft., \$7.00 10 ft. with Rope Pull, \$6.50; Extra Blades, 70c

PRUNING SAWS



No 16 POLE SAW (Atkins - like No. 114 Disston) 15 in. fast cutting blade. Head only, **\$6.00**. Extra Blades, **\$3.85 ea.**

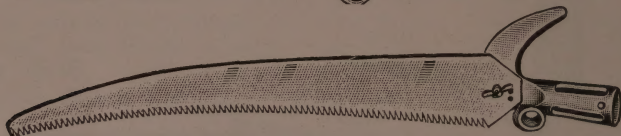
No. 114A. Pole Saw with alloy socket like No. 514A below, Atkins or Disston blade, **\$6.35**. Blue Orsa Blade, **\$3.50 ea.**



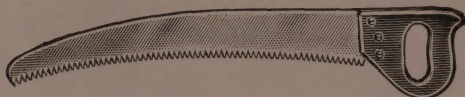
Leather Scabbard

For Nos. 114 and 114A Pole Saws.

\$4.90 ea.



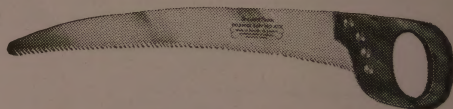
No. 514A Fanno Pole Saw. 17 in. self-feeding, self-cleaning blade. Alloy socket, large hook and paint brush holder. **\$8.00 ea.**



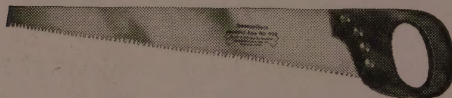
FANNO Pull-Kutter

Self-feeding lance teeth, hand filed. **No. 20—20 in., \$7.50 ea.**
No. 22—22 in., \$8.60. **No. 24—24 in.** Standard size, **\$10.40 ea.**
No. K24. Notched with 12 gullets for heavy duty. **\$12.70 ea.**

No. 624 S. SMITH Draw Cut



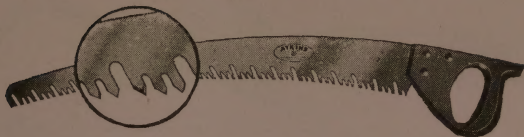
24 in. Sandvik blade with deep teeth for fast cutting. Water-proof, laminated handle with nickel plated screws. **\$7.15 ea.**



No. 922 Tree and Orchard

22 in. Sandvik (Swedish) blade. Cuts on both strokes **\$6.39 ea.**
No. 8 Fanno. Above design for push stroke. **\$7.70 ea.**

PRUNING SAWS



No. 3-14. PROFESSIONAL Speed Saw. 26 in. curved blade, cutting on the draw stroke. The new favorite of tree experts, orchardists and public utilities. **\$7.50 ea.**

Extra Handles, **\$1.80**. Screws, 3 for **40c** No. 35 Filing Gauge, **95c**



Heavy Duty Scabbard of stiff sole leather. Ring on back, snap on front for paint bucket and fibre guard wheel at rivet where saw enters. 25 in., **\$8.10**. 27 in. Standard Size, **\$8.75 ea.**



Leather SCABBARD. Especially designed for the Curved Speed Saw. Regular pattern as illustrated. **\$7.50 ea.**



No. 420. FORESTER, JR. Tuttle teeth with reinforced or laminated handle. 20 in., **\$4.50**. No. 40-24 in., **\$8.70**

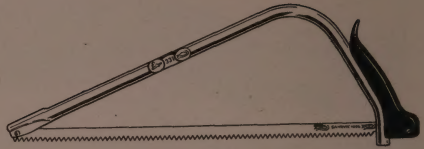
Leather Scabbard for 20 in., **\$7.00**. 24 and 26 in., **\$7.50 ea.**



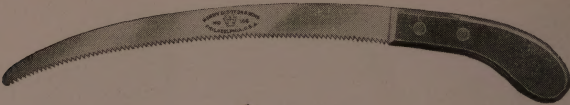
No. D27. TREE SURGEON. Stiff blade, 26 in. long, 5 teeth to the inch. Special beveled teeth, cutting on push stroke. Disston with laminated wood or rubber handle, **\$9.95 ea.**

PRUNING SAWS

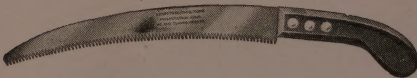
ORCHARD SAWS



No. 331 Sandvik. A handy 21 in. Bow Saw with tubular steel frame and new contour lever lock plastic handle. **\$2.90 ea.**
Extra Sandvik or Bushman Blades, $\frac{3}{4}$ x 21 in. long, **\$1.10 ea.**



No. 166 Disston Orchard. Draw stroke, 14 in. blade. **\$3.95 ea.**
No. 20 Atkins Citrus Reverse rip teeth. 14 in. **\$4.15 ea.**
No. 23 Atkins Citrus Special with larger teeth (5½ points to the inch) and longer 11 inch handle **\$4.00 ea.**



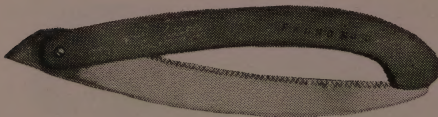
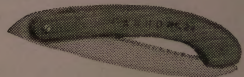
Needle Point or Peg Teeth

No. 120 Atkins with peg or needle point teeth for smooth orchard pruning. Blade $\frac{1}{4}$ in. wide at point. **\$4.85 ea.**
No. 14 Fanno Orchard. 7 points to the inch lance teeth for smooth cutting. 14 in. with 8 in. handle. **\$4.40 ea.**



No. 38. FOLDING
12 in. blade, cutting on draw stroke. **\$4.25 ea.**

No. 2A Pocket Fanno
For the gardener or sportsman. 7½ in. cutting edge. **\$3.30 ea.**

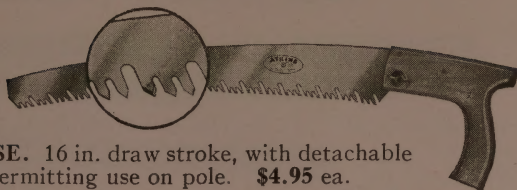


No. 2 Folding
Handle fully encloses 9 in. blade. **\$4.20 ea.**
No. 1-10½ in., \$4.40

No. 0 Folding Fanno. 14 in. as illustrated. **\$4.70 ea.**
No. RF-05 Palm Tree Saw. 17 in. Fanno blade with 30 in. handle for reaching low limbs or cutting roots. **\$6.60 ea.**

PRUNING SAWS

No. 1-16



ALL PURPOSE. 16 in. draw stroke, with detachable handle permitting use on pole. **\$4.95 ea.**

Fanno Tree Saw. Narrow, curved and pointed blade with fast cutting lance teeth; pistol grip handle.

No. 16—17 in., **\$6.00.** No. 17—20 in., **\$7.50 ea.**



No. 40. **DUPLEX.** 18 in. Lightning and fine teeth. **\$3.95 ea.**

No. 5 **Curved Duplex.** Push and draw stroke. **\$6.60 ea.**

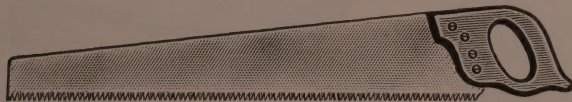


No. 17. **FORESTER.** 26 in. stiff blade, extra large peg teeth for fast cutting on push stroke. **\$5.15 ea.**



No. 103
BUSHMAN

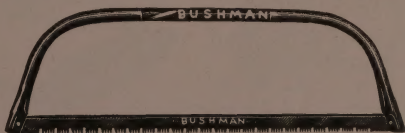
The world famous Bushman (Swedish) teeth. Rapid cutting on both forward and backward stroke. 24 in. blade. **\$6.30 ea.**



No. 32 **Fanno Bull Saw.** Lance teeth for fast cutting on push stroke; large grip. 32 in. **\$12.70 ea.**

BOW FRAME

Tubular steel frame with extended handle, Swedish steel blade.



An all-around Buck Saw. 30 in., **\$3.95;** Extra Blades, **\$1.40 ea.** New 24 in. with tapered frame, **\$3.25;** Extra Blades, **\$1.25 ea.**

TREE SURGERY TOOLS

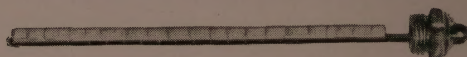
**Borer
Complete**



**Bore
Bit**



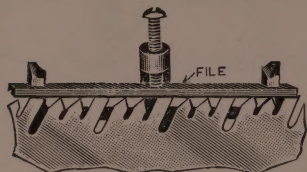
Extractor



Swedish INCREMENT BORER. For determining the growth or condition of timber. Sizes given indicate depth of borer.
8 in., \$24.30. 12 in., \$30.70. 16 in., \$36.70 complete.



Cant Safe Back File for Atkins, Disston and Fanno Saws.
6 in., \$1.00 7 in. (standard size) \$1.15 ea.
No. 38 Special File for Needle-point Teeth 1.15 ea.
Slim Taper, 6 in., 51c, 7 in., 62c. Auger Bit File75 ea.
Chain Saw File, 8 in. Round, 7/32 or 1/4 in. dia. 1.00 ea.



No. 395 Saw Set (above) \$4.50 ea.

No. 31 Jointer for curved or straight saws. \$2.75 ea.
No. 3-A Saw Vise. Clamps to bench. 10 1/2 in. long. \$8.00

CAVITY SLICKS

No. 2. Cavity Slick.
5/8 in. wide. \$1.95 ea.



**No. 24. Taper and
Square**
3/4 in. \$2.30 ea.
1 in. 2.55 ea.



**No. 66. Taper and
Round Spoon**
1 1/4 in. \$2.90 ea.
1 1/2 in. 3.25 ea.



Pointing Trowel. 5 in. forged steel, wood handle. \$1.60 ea.

TREE SURGERY TOOLS



No. 251. TREE SURGERY CHISELS. The Greenlee line designed to meet the severe demands of the Tree Surgeon. Hickory handle with steel ring. $\frac{1}{2}$ in., \$4.65 $\frac{3}{4}$ in., \$5.30. 1 in., \$5.80. $1\frac{1}{4}$ in., \$6.50. $1\frac{1}{2}$ in., \$7.00 ea.

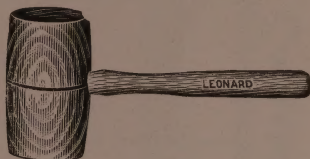


No. 341. TREE SURGERY GOUGES. Outside bevel with shallow curve. Hickory handle. $\frac{1}{2}$ in., \$5.40 $\frac{3}{4}$ in., \$6.00. 1 in., \$6.65. $1\frac{1}{4}$ in., \$7.25. $1\frac{1}{2}$ in., \$7.95 ea.

CHISEL HANDLES. Small Size with steel ring for $\frac{1}{2}$ to 1 in., 75c; Large Size for $1\frac{1}{4}$ to $1\frac{1}{2}$ in., 85c ea.

Lignum-Vitae WOOD MALLETS

Standard size, 3 in. dia. face.
Weight 1 lb. 10 oz. \$2.45 ea.



A new, larger size, $3\frac{1}{2}$ in. dia. Weight 2 lb. 8 oz. \$2.95 ea.

No. 41 Composition Rubber Mallet, 40 oz. \$7.50 ea.

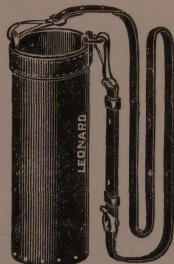
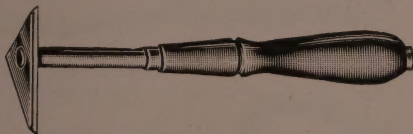


**No. 184A. Wound
Cleaner, $7\frac{1}{2}$ in.
\$2.10 ea.**

LEATHER CHISEL BAG

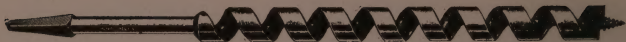
Hand made, 4 in. diameter with wood bottom
and adjustable shoulderstrap. \$7.50 ea.

Leather Shear and Tool Cases listed on page 45.



No. 272 BARK SCRAPER. $9\frac{1}{2}$ in. with wood handle.
 $2\frac{3}{4}$ in. triangular blade, \$3.00. Extra Blade, \$1.00 ea.

TREE SURGERY TOOLS



EXTRA LONG BITS. Single Twist Ship Auger.

17 to 18 in. overall— $\frac{7}{16}$ in., \$2.75. $\frac{9}{16}$ in., \$2.85. $\frac{11}{16}$ in., \$2.95.
 $\frac{13}{16}$ in., \$3.15 $\frac{15}{16}$ in., \$3.60. $1\frac{1}{16}$ in., \$4.15 ea.
 30 in. with 24 in. twist— $\frac{9}{16}$ in., \$6.50. $\frac{11}{16}$ in., \$7.05.
 $\frac{13}{16}$ in., \$8.20. $\frac{15}{16}$ in., 9.45. $1\frac{1}{16}$ in., \$10.65 ea.

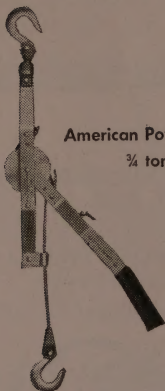
Short Lag Bits with Single Twist. $\frac{1}{4}$ in., \$1.50; $\frac{5}{16}$ in., \$1.60;
 $\frac{7}{16}$ in., \$1.75; $\frac{9}{16}$ in., \$1.95 ea.

Greenlee Power Bits with new hex-shank. Write for listing.



No. 95X EARTH AUGER for Electric Drill. 2 in. dia. x 18 in.
 twist, $\frac{1}{2}$ in. shank, \$9.50; $\frac{3}{4}$ in. shank, \$9.90 ea.

Augers for Hand Operation Listed on Page 11.



American Power-Pull
 $\frac{3}{4}$ ton



18 in. Extension Bit Holder

No. 900 to follow $\frac{5}{8}$ in. \$4.70

No. 925 to follow $1\frac{1}{8}$ in. 6.00

American POWER PULL

A Bantam Weight Hoist—Puller for tree moving operations. Tested at 50% overload, automatic let down. **$\frac{3}{4}$ Ton Model** with 12 ft. lift; wt. 6 lb. \$25.00
 $1\frac{1}{2}$ Ton Model with 6 ft. lift. 35.00

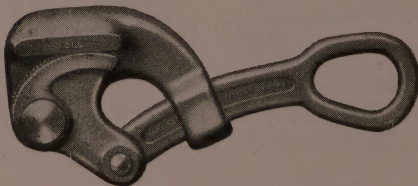
HKP Bolt and Cable Cutter

18 in. Will cut up to
 $\frac{5}{16}$ in. cable. \$12.90
 24 in., $\frac{3}{8}$ in. \$16.00



CABLE DRAG CLAMP

No. 368 for $\frac{3}{16}$ and
 $\frac{1}{4}$ in. cable. \$6.90
 No. 369 for $\frac{5}{16}$ and
 $\frac{3}{8}$ in. cable. \$9.00



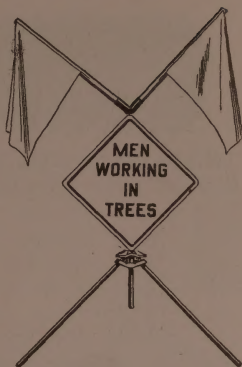
TREE SURGERY SUPPLIES

TRIPOD ROAD SIGN

Collapsible tripod, metal sign 15 x 15 in. with yellow background and 2 red flags, complete and official. 11 lb.

Price, \$14.40. Extra Flags, 85c

Steel Carrying Case, \$5.50

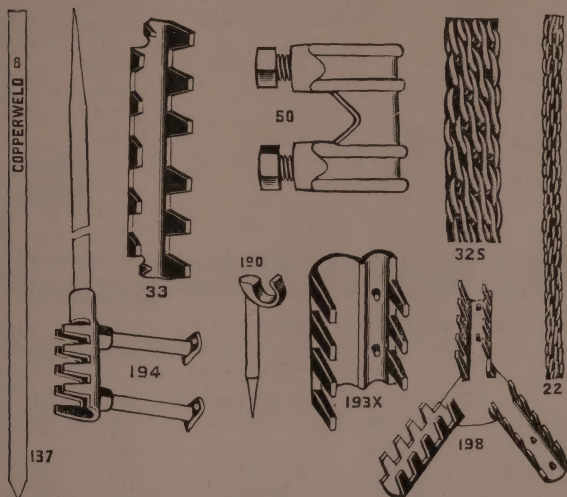


New METAL SIGN

14 x 20 in. Baked yellow enamel on heavy 20 gauge steel, worded one side "MEN WORKING IN TREES".

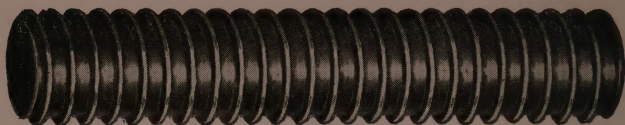
\$4.95 ea.

LIGHTNING PROTECTION MATERIAL FOR TREES



No. 137	Ground Rod, 1/2 in. x 9 ft., \$4.90. 5/8 in. x 6 ft.....	\$4.70
No. 194	Main Conductor Point, 4 ft. with copper nails....	4.30
No. 195	Branch Conductor Point with 8 in. point.....	2.00
No. 33	Main Splicer.....	45c
No. 3X	Branch Splicer ..	.40
No. 193X	Connector for Branch to Main Conductor	.40
No. 198	Fork Type Ground Connector with 2 prongs.....	1.80
No. 190	Drive Fastener for Main Conductor.....	.30
No. 190A	Drive for Branch Conductor.....	.25
No. 50	Ground Clamp, 1/2 in., \$1.20. No. 51 - 5/8 in.....	1.40
No. 32S	Main Conductor (Copper) per 100 ft.....	39.00
No. 22	Branch or Miniature Conductor per 100 ft.....	19.00

ARBORICULTURAL SUPPLIES



THREADED TREE ROD. Use Auger Bit $\frac{1}{16}$ in. smaller than Rod and insert with pipe wrench. **Price for 10 ft. Lengths**

	Plain	Plated	Weight
$\frac{1}{2}$ in.....	\$3.90	\$4.90	5 lbs.
$\frac{5}{8}$ in.....	4.70	6.20	8 lbs.
$\frac{3}{4}$ in.....	5.70	7.50	12 lbs.
$\frac{7}{8}$ in.....	6.90	9.30	17 lbs.
1 in.....	8.50		22 lbs.

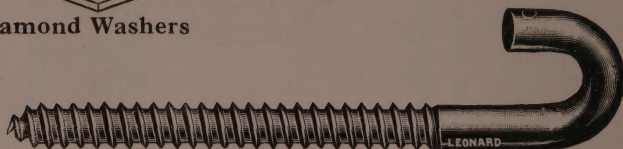


HEXAGON NUTS. Lag thread Cad. Plated.

	Price per 100	Nuts	Washers
$\frac{1}{2}$ in.....		\$11.00	\$8.00
$\frac{5}{8}$ in.....		16.00	10.00
$\frac{3}{4}$ in.....		19.50	12.00
$\frac{7}{8}$ in.....		23.50	14.00
1 in.....		29.00	17.00



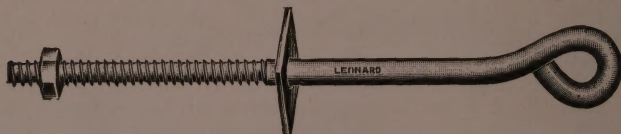
Diamond Washers



LAG SCREW HOOKS. Zinc or Cadmium Plated with cone point. Right Hand regularly furnished (not drilled).

Price and Weight per 100

Size	Right Hand	Left Hand	Weight	Size Cable
$\frac{1}{4}$ x $2\frac{3}{4}$ in.	\$12.50		5 lbs.	$\frac{1}{8}$ or $\frac{3}{16}$ in.
$\frac{5}{16}$ x $3\frac{1}{2}$ in.	14.50		10 lbs.	$\frac{3}{16}$ in.
$\frac{3}{8}$ x $4\frac{1}{2}$ in.	19.00	\$20.00	18 lbs.	$\frac{3}{16}$ or $\frac{1}{4}$ in.
$\frac{1}{2}$ x $5\frac{1}{2}$ in.	30.00	31.50	35 lbs.	$\frac{1}{4}$ or $\frac{5}{16}$ in.
$\frac{5}{8}$ x 7 in.	44.00	46.00	65 lbs.	$\frac{5}{16}$ or $\frac{3}{8}$ in.



LAG SCREW BOLTS. Complete with Nut and Washer.

Cadmium Plated. $\frac{1}{2}$ x 8 in. \$1.05. $\frac{1}{2}$ x 12 in. \$1.20 ea.
 $\frac{5}{8}$ x 12 in. \$1.80. $\frac{5}{8}$ x 18 in. \$2.10. $\frac{3}{4}$ x 18 in. \$2.75 ea.

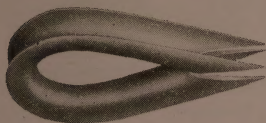
ARBORICULTURAL SUPPLIES



STEEL WIRE or Cable. 7 strand, Double Galvanized.

Special soft annealed. Weights given for 250 ft. Coil.

Size	Strength	Weight	Price-250 ft.	1000 ft.
$\frac{3}{16}$ in. dia.	1150 lbs.	18 lbs.	\$10.50	\$39.00
$\frac{1}{4}$ in. dia.	1900 lbs.	30 lbs.	15.00	56.70
$\frac{5}{16}$ in. dia.	3200 lbs.	51 lbs.	21.90	82.70
$\frac{3}{8}$ in. dia.	4250 lbs.	68 lbs.	28.00	105.60

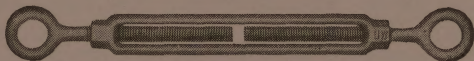


Galvanized THIMBLES

Some use $\frac{1}{4}$ in. for $\frac{3}{16}$ in. cable, $\frac{5}{16}$ in. for $\frac{1}{4}$ in. and $\frac{3}{8}$ in. for $\frac{5}{16}$ in.

Price per 100 $\frac{3}{16}$ and $\frac{1}{4}$ in. **\$8.50**
 $\frac{5}{16}$ in. **\$10.00.** $\frac{3}{8}$ in. **\$11.00** $\frac{1}{2}$ in. **\$13.50**

TURN BUCKLES



Strong forged steel, heavy galvanized. Eye and Eye.
 For guying newly set shade trees with $\frac{3}{16}$ or $\frac{1}{4}$ in. cable.
 $\frac{1}{4}$ in. with 4 in. take-up, **\$1.30**; $\frac{5}{16}$ x $4\frac{1}{2}$ in., **\$1.45** ea.
 $\frac{3}{8}$ x 6 in. for $\frac{5}{16}$ in. cable, **\$1.85**; $\frac{1}{2}$ x 6 in. for $\frac{3}{8}$ in., **\$2.40**.



SCREW EYE BOLTS

Galvanized steel with large eye.

$\frac{1}{4}$ x 2 in., **40c.** $\frac{5}{16}$ x $2\frac{1}{4}$ in., **50c**
 $\frac{3}{8}$ x $2\frac{1}{2}$ in. **60c.** $\frac{1}{2}$ x $3\frac{1}{4}$ in., **80c** $\frac{5}{8}$ x 4 in., **\$1.30** ea.

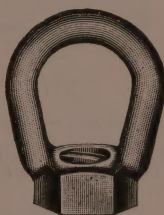


CABLE CLAMPS

Put short end of cable through top of loop.

Price per 100
 $\frac{3}{16}$ in., **\$13.00** $\frac{1}{4}$ in., **\$15.00**
 $\frac{5}{16}$ in., **17.00** $\frac{3}{8}$ in., **23.50**

LOOP NUTS (right)



Lag thread for Tree Rod. $\frac{1}{2}$ in., **\$1.00**; $\frac{5}{8}$ in., **\$1.10**;
 $\frac{3}{4}$ in., **\$1.35**; $\frac{7}{8}$ in., **\$1.50** ea.

Loop Nuts With Swivel. $\frac{5}{8}$ in., **\$1.90**; $\frac{7}{8}$ in., **\$2.75** ea.

ARBORICULTURAL SUPPLIES

LEONARD TREE COMPOUND or Pruning Paint

Pure asphaltum base with other ingredients which are anti-septic and healing to tree wounds. Black in color, ready to use.

A thinner **Winter Grade** is also available in 1 and 5 gallon cans. Or the regular grade can be thinned by adding raw linseed oil.

Pints and Quarts weigh 15 lb. to the case.

One Gal., 9 lb. 4 - 1 Gal., 35 lb. 5 Gal., 43 lb.

Price, in regular style paint cans.

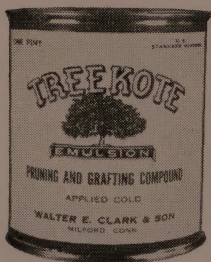
Pint — \$1.20	Case of 12— \$1.00 per Pint
Quart — 1.90	Case of 6— 1.60 per Quart
Gallon— 4.50	Case of 4— 3.80 per Gallon
5 Gal.—16.00	30 Gallon Drum—\$85.00

Paint Can with brush, $\frac{1}{2}$ Pint, \$2.35; Pint, \$2.65 ea.



Dupont AEROSOL Can. A product similar to our Tree Compound in a new, convenient form for quick application 12 oz. Can (packed 12). \$1.89 ea. New 5 oz. Can, 98c ea.

Borer-Pruf. Another Aerosol product put out by the Wilt-Pruf laboratories. A DDT formula with prolonged toxic effectiveness 8 oz. Can, \$1.69 ea.



TREEKOTE (Cavity Sealer)

A special processed black asphalt emulsion which comes in paste form. Can be used as a paste or water added for brush application. 1 Gallon, \$4.90.

5 Gallon Steel Bucket, \$18.00

Hubbellite Tree Patching Cement

A dry material which sets quickly after mixing with water. Adhesive, non-shrinking. 50 lb. polyethylene lined drum, \$26.50

TREE TANGLEFOOT

For banding trees and vines as a protection against climbing insects. One pound covers 15 lineal feet 2 to 3 in. wide.

New 12 oz. Aerosol Can, \$1.95 ea.

6 oz. Tube \$.98—Packed 12 to case

1 lb. Can \$1.50—Packed 12 to case

5 lb. Can \$7.00—Packed 4 to case

25 lb. Pail, \$26.50



BOOKS (Postpaid)

Book of Shrubs, The—Hottes.....\$4.95

Book of Trees, The—Hottes..... 5.00

Diseases and Pests of Ornamental Plants. New 1960 edition. 775 pages
Pirone, Dodge and Rickett..... \$10.00

Friendly Evergreens, The
Propagation, transplanting and
diseases. Reissue with 86 full-
color plates—Kumlien.....10.00

Gardener's Trouble Shooter—
Victor H. Ries.....\$4.00

Grafter's Handbook, The. New 1959 edition of this instruc-
tive work gives the major advances of the last decade.
117 diagrams, 32 photographs—Garner..... 6.75

How to Increase Plants (1956) Hottes..... 4.00

Improved Nut Trees of North America and How to Grow
Them. 425 pages giving all the aspects of modern nut
tree farming—Reed and Davidson..... 6.00

Operating a Garden Center. Complete series of articles
from the American Nurseryman—John J. Pinney 3.00

Plant Disease Handbook New enlarged 1960 edition.
1,000 host plants and 1,500 diseases and their controls
arranged for quick reference—Westcott.....13.50

Plant Propagation Practices, by the popular writer for
the American Nurseryman Magazine—Wells..... 7.95

Pruning Manual, The. The newest book on both fruiting
and ornamental plants and trees—Christopher..... 6.00

Shrubs and Vines for American Gardens. Evaluation of
over 2,800 species and varieties; 442 pages—Wyman..... 8.50

Tree Care (1957). A new, easy-to-follow guide for the
home owner but equally useful to the professional arborist.
77 excellent illustrations—John Haller.....\$6.50

Tree Experts Manual, The Complete Modern. New,
enlarged edition with an added section on the growing
habits of both deciduous and evergreen trees—Fenska.... 7.00

Tree Maintenance. New third edition covering all phases
of tree care and written in nontechnical language; 506
pages with 149 illustrations—Pirone.....11.00

Trees for American Gardens—Bloom, ornamental fruit
and foliage of 745 recommended trees—Wyman 8.95

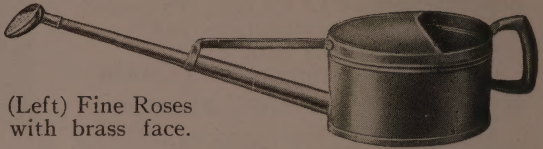


BULLETINS OF THE NATIONAL PARK SERVICE

Transplanting Trees and Other Woody Plants, 25c; Safety
for Tree Workers, 20c; Shade Tree Pruning, 15c; General
Spraying Practices, 15c; Ropes, Knots and Climbing, 15c;
Tree Bracing, 15c Add 5c each for postage on Bulletins.

WATERING CANS

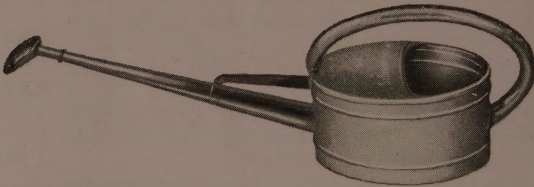
Schneider Watering Cans of finest German import are now available in a size for every purpose and with a variety of extensions and rose attachments. Oval design with double, folded seams, grooved, tubular handle and hot-zinc dipped. Sizes are given in liters equal to 1.057 quart.



(Left) Fine Roses
with brass face.

2½ Ltr. The handy size shown above with fine rose. **\$8.45.**

1½ Ltr. For house plants with handle like below and complete with tiny rose, **\$7.35.** Curved spout, **\$1.00** extra.



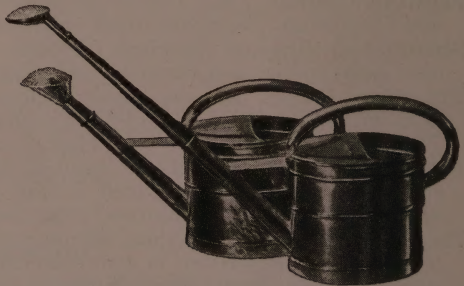
4½ Ltr.
with
fine
rose

4½ Ltr. With brass rose, **\$10.45** Special Spoon Rose, **\$1.95**

REGULAR PATTERN

Both with normal
spout and with ex-
tension added.

Oval Shape



- ✓ **4 Ltr.** With normal spout and medium rose, **\$9.55**, or complete with extension and both fine and medium roses, **\$12.95.**
- 8 Ltr.** With normal spout and medium rose, **\$11.75**, or complete with extension and both fine and medium roses, **\$15.45.**
- 10 Ltr.** With normal spout and medium rose, **\$15.55**, or complete with extension and both fine and medium roses, **\$19.55.**
- 12 Ltr.** With normal spout and medium rose, **\$17.95**, or complete with extension and both fine and medium roses, **\$22.45.**

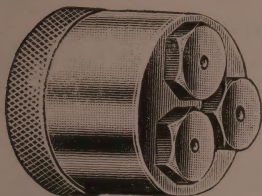
WATERING DEVICES

No. 400 WATER BREAKER

Releases the full volume of water without pressure; preferably used with the No. 136 Brass Extension, page 71. Aluminum alloy with 2 in. face. **\$1.89 ea.**



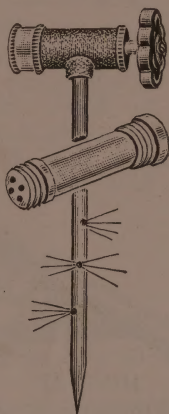
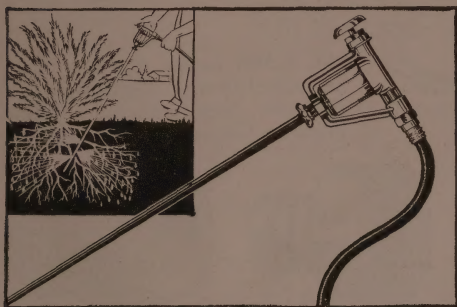
The "400" Water Breaker



FOGG-IT Nozzle. The three brass jets produce a solid fog-like spray. Excellent for fixed spraying and cooling installations. Standard or superfine model with regular garden hose connection. **\$1.95 ea.**

SUBSURFACE IRRIGATOR

Oversize $\frac{1}{2}$ in. tube 36 in. long with brass hose valve and complete with plastic mixer tube. **\$5.00 ea.**



ROSS ROOT FEEDER

Attaches to garden hose and takes concentrated plant food right down to the roots. Improved Model with new triple duty chamber (holds 1, 2 or 3 Cartridges). Packed single or display case of 6. **Price, complete w/12 All-purpose (8-16-8) Cartridges, \$6.98**

Extra Cartridges—All-purpose, Acid (10-20-20), Rose (15-25-10) or Starter (9-46-15). Box of 12, **\$1.00**

Iron Chelate Cartridge—for chlorosis, **\$1.50** box of 12.

New Tree Cartridge (25-10-10) Bulk Pack of 60, **\$3.98.**

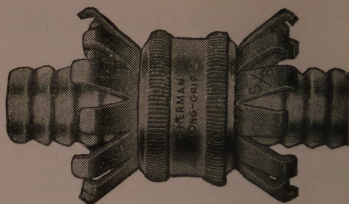
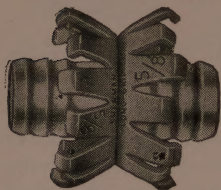
STANDARD HOSE FITTINGS

CLINCHING HOSE COUPLING

Wrought brass with long grip.

$\frac{1}{2}$, $\frac{5}{8}$ and $\frac{3}{4}$ in. (hose size)

\$4.90 per box of 10.



CLINCHING MENDER

$\frac{1}{2}$, $\frac{5}{8}$ and $\frac{3}{4}$ in., **\$2.95** per box of 10.

Florist Hose Coupling, heavy cast brass.
 $\frac{3}{4}$ in. full flow. **\$2.50** set.

BRASS HOSE CLAMPS

$\frac{3}{8}$ and $\frac{1}{2}$ in. **\$1.70** doz.

$\frac{5}{8}$ and $\frac{3}{4}$ in. **\$1.90** doz.



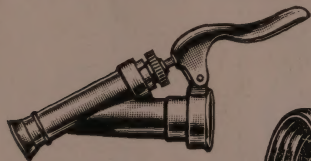
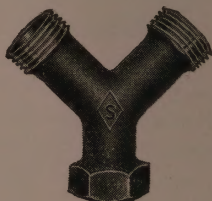
SIAMESE CONNECTION (right)

For running two lines of hose or two Soil Soakers from one connection.

$\frac{3}{4}$ in. **\$.85**. $\frac{3}{4}$ in. x 1 in. **\$2.45** ea.

End Cap, $\frac{3}{4}$ in. with washer, **20c** ea.

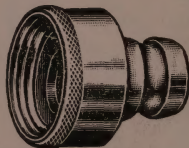
Rubber Hose Washers. Red Rubber,
 $\frac{3}{4}$ in. full size. **10c** per Clip of 10.



No. K500 Lever Spray. Can be locked in any position or full shut-off. New extended contour model. Chrome. **\$1.49** ea.

HOSNAP

Automatic Hose Coupler



Simply push in to connect and lock with full swivel action; one end stays on the faucet. Solid brass. Hosnap complete, **\$1.50**
Extra faucet End, **50c** ea.



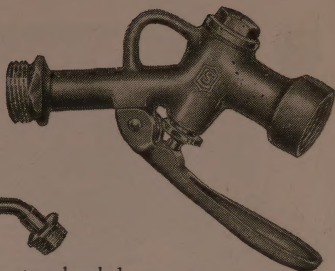
HOSE VALVE

Solid brass with $\frac{3}{4}$ in. hose outlet. Straight nose as illustrated or bent nose. Price with $\frac{3}{4}$ in. iron pipe inlet, **\$2.95**.
For 1 in. pipe, **\$5.85** ea.

NOZZLES

No. 139 Automatic SHUT-OFF

Can be used with any of the
Nozzles shown below or those
shown on page 69. \$3.40 ea.

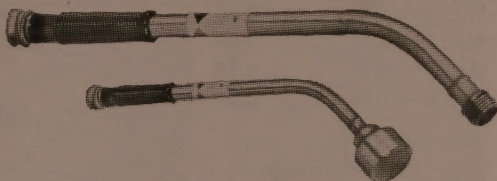


No. 136 Brass Extension with standard hose
connections for use with the No. 400 Water Breaker, Fogg-It
Nozzle and the No. 139 Shut-Off.

2 ft. \$1.60

4 ft. \$2.70 ea.

New HANDI-REACH Aluminum Extension Handle



Designed especially for use with the No. 400 Water Breaker
listed on page 69. Three sizes complete with plastic grip.

24 in., \$2.19 36 in., \$2.69 48 in., \$3.19 ea.



FIG. 74

No. 74 ROSE SPRAY

Can be attached direct to hose or Shut-Off.
Wrought brass. 3 in., \$1.20. 4 in., \$1.50 ea.

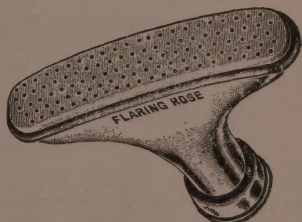
No. 69 Nozzle Holder. Heavy plated wire. 80c ea.

No. 303 FLAT SPRAY

Heavy cast brass body with pin
size perforations. \$1.95 ea.

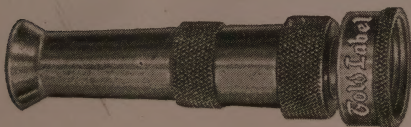
No. N4 Flaring Rose

Lightweight of die cast metal,
brass face. \$1.35.



GOLD LABEL NOZZLE

Standard size of polish-
ed bronze. \$1.75 ea.



HOSE SPRINKLERS - HOSE



SOIL-SOAKER

Like ALL NIGHT RAIN

The water seeping through the pores of the Soil-Soaker produces a gentle flow its entire length. With a Siamese you can operate two Soil-Soakers on average city pressure.

Ideal for the rose garden, border or hedge row. 2 in. wide of scientifically treated canvas duck.

No. 0—12 ft.....	\$2.10
No. 1—18 ft.....	2.85
No. 2—30 ft.....	4.10
No. 3—50 ft.....	6.50

ANDREWS Hose Sprinkler

The original 2-tube green plastic Hose Sprinkler with tiny round holes for gentle spray; or turn it over for use as a soaker. Can be stored wet.

5 Sizes—20 ft.....**\$2.50** ea.

30 ft., **\$3.65**. 40 ft., **\$4.40**. 50 ft., **\$5.00**. 100 ft., **\$9.75** ea.

Reel for 20 and 30 ft.**\$.85** For 40 to 100 ft.**\$1.25** ea.



Goodyear Emerald Cord RUBBER HOSE

$\frac{3}{4}$ in. x 50 ft. 2-braid of rayon cord with green covering resistant to abrasion and weather; heavy brass full-flow couplings attached.

Price, \$29.45 per 50 ft. length.

$\frac{5}{8}$ in. x 50 ft. **Single Braid** with green cover..... **\$12.60**

High Pressure Spray Hose. $\frac{1}{2}$ in. x 3 braid, 800 lb. test in 50 and 100 ft. cut lengths, 89c per ft. Couplings, **\$2.75** set extra.

Rain King

The BEST SPRINKLERS MADE

Model K (right)

Finger tip control for setting distance, 5 to 50 ft. in diameter. Automatically regulates kind of spray for designated area. Wide, ventilated base in green enamel; 10 in. high with chromium fittings. Weight, 4 lb. **\$10.95 ea.**

Gulf States Special Model K with non-corrosive treated base. **\$11.95**

Model K20 Traveling Sprinkler. Stainless steel tape sets the course, straight or around corners, up to 100 ft. All the Model K features with automatic shut-off, **\$39.95.**

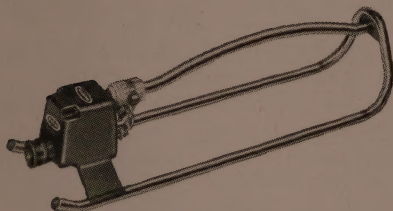


Model O

Oscillating arm gives rain like shower. New magic control for any direction or width.

A Sunbeam product.

20 in. **\$13.95 ea.**



Rubber Plant SPRINKLER

No. C12 with new 12 oz. green bulb and sprayhead. **\$1.75 ea.**

Centro. Complete w/ curved plastic extension and extra dusting nozzle. Boxed. **\$2.25 ea.**

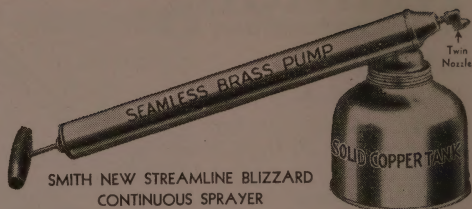


RUBBER KNEE PADS

Moulded rubber with soft cushion inserts. Complete with adjustable straps.

Heavy Duty—Black as shown, double straps. **\$2.50 pair.**
New Light Weight—Red with single straps. **\$1.75 pair.**

HAND SPRAYERS



Blizzard. Slow pumping gives a continuous, unbroken spray. Beautifully polished.

Full Quart Size, \$7.30 ea.

No. 335 Hudson CLIMAX

A handy compression Sprayer with the Simplex Inner-Seal; cover is locked in place by quarter turn of handle. 3 gal. galv. tank and complete as illustrated. **\$19.50.**

No. 310 PERFECTION (Hudson) 4 gal. galv. tank with the Inner-Seal. **\$21.50**

Also **Stainless Steel**—No. 335, \$34.50; No. 310, \$37.50

No. 9A Hudson Favorite for the home garden. 2 or 3 Gal. galv. tank, easily carried by pump handle. 5 ft. hose with curved extension rod, shut-off and nozzle.

2 Gal. Size. \$12.95

3 Gal. Size. 13.95

No. 3 PARAGON

A steady pumping stroke builds up a pressure as high as 300 lbs., 12 gal. tank, 10 ft. spray hose, 7½ ft. spray pipe, 3 nozzles.

Price complete with two wheel, truck.
\$63.50.

Paragon Power Sprayers for trouble free, one man operation. 30 gallon tank mounted on 19 x 2 in. rubber tired wheels.

Price, complete with 1½ hp. 4 cycle gas engine and 15 ft. spray hose with gun, **\$215.00.** Descriptive folder on request.



HAND DUSTERS



Feeny HAND DUSTERS. Produce a cloud of dust with the first push, year after year. Complete with extension and two nozzles, straight and underleaf.

Model BX. One Pint Size as illustrated.....**\$2.00** ea.

Model F. Quart Size with double extension..... **3.10** ea.

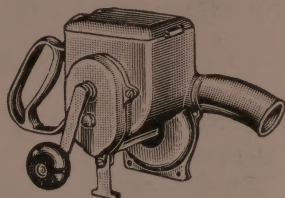
Model D2. Two Quart Size with wood hand hold on dust chamber. Packed single. **\$5.30** ea.

J & P PESTMASTER

One easy turn of handle sends out 8 ft. dust stream. Weighs only 1 1/4 lb. but will cover 200 rose bushes with one filling. Non-rusting alloy.

\$9.95 ea.

Aluminum Extension **\$1.25** extra.



**No. 44
Giant**

No. 44 GIANT Duster. A well balanced, precision built Rotary Duster with 8 in. ball bearing fan and enclosed cut steel gears.

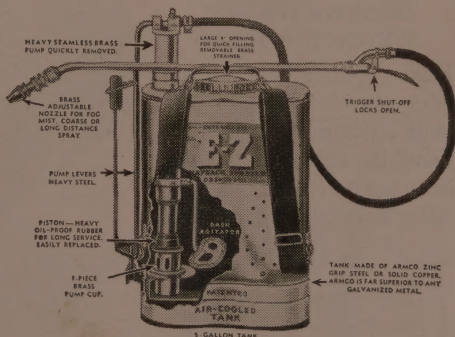
Can be used with one or two nozzles. Capacity 10 lb.

Shipping Weight 14 lb. **Price, \$33.50**

E-Z KNAPSACK SPRAYER

Form fitting, air conditioned back. Solid brass pump, neoprene plunger, adjustable nozzle. 5 gal. Armco zinc-grip tank. Weight packed, 21 lb.

Price, \$52.60



LAWN EQUIPMENT

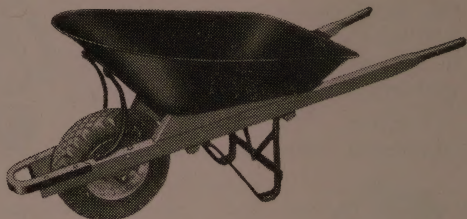
WOOD Garden and Greenhouse Barrows



No. 4 Garden. Waterproof plywood bed, 25½ in. long, 23 in. wide at rear, 27 in. overall width; finished in orange enamel. Improved steel bracing; pneumatic tired wheel. Flat packed in corrugated wrapper. 51 lb. **Price, \$37.90.**

No. 3 Greenhouse. 20 in. overall width, red finish. **Price, \$38.60**

No. 140 General Purpose Steel Barrow



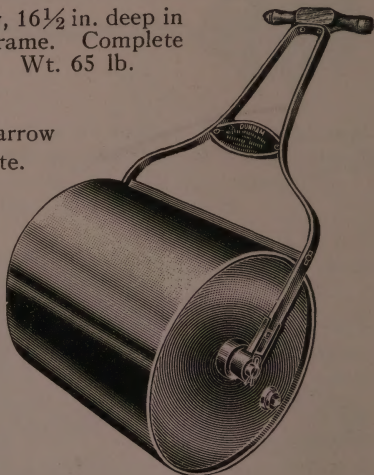
No. 140. Seamless steel tray, 16½ in. deep in front; selected hardwood frame. Complete with 4 ply B B Wheel. Wt. 65 lb.

Price, \$35.70

Extra Ball bearing Wheelbarrow
Wheels, 4 ply **\$14.80** complete.

Dunham WATER WEIGHT ROLLER

Heavy gauge steel drum with rounded edge to prevent cutting into turf; adjustable scraper. Oilite bearings on Nos. 2, 4 and 7; roller bearings on the No. 9.



No.	Diam.	Length	Wt. Empty	Filled	Price
2	14 in.	24 in.	40 lb.	160 lb.	\$18.70
4	18 in.	24 in.	57 lb.	220 lb.	22.90
7	24 in.	24 in.	74 lb.	400 lb.	30.50
9	24 in.	32 in.	113 lb.	570 lb.	51.00

LAWN EQUIPMENT

Parkerette LAWN SWEEPER

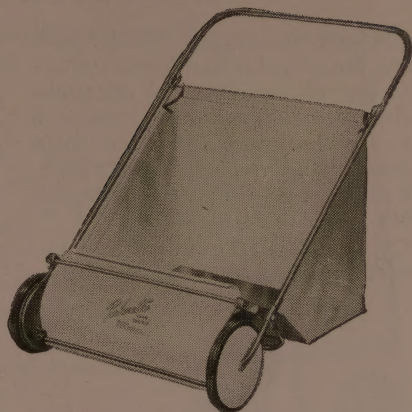
For yard, driveway and walks—cleans winter debris, summer grass clippings, autumn leaves.

With new lift out basket.

20 in., 4 bu. cap. \$36.50

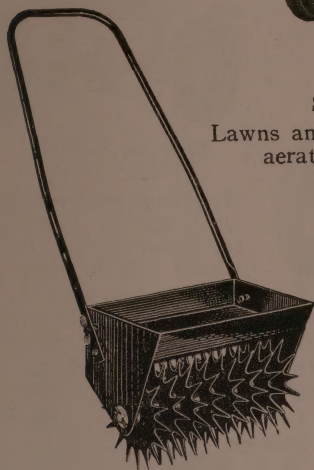
28 in., 5½ bu. cap. 45.50

28 in. Homemaster with 4 cycle engine. \$167.00.



SPIKE DISC Cultivator

Lawns and Greens require cultivation and aeration the same as garden crops.



No. 8 as illustrated with weight pan; 14 in. spiking width, carton packed, 35 lb. \$20.60

Rubber tired Wheel Assembly for the No. 8, \$5.40 additional.

No. 25—30 in. spiking width; ball hitch. for tractor 65 lb. \$40.00

No. 26—30 in. spiking width; goose neck hitch for tractor. \$39.30

CHAMPION SOD CUTTER

All steel construction, made to withstand the hardest usage. Cuts sod 1 to 2 in. thick and 12 in.

wide. Price, \$145.00



Sod Cutter Specifications

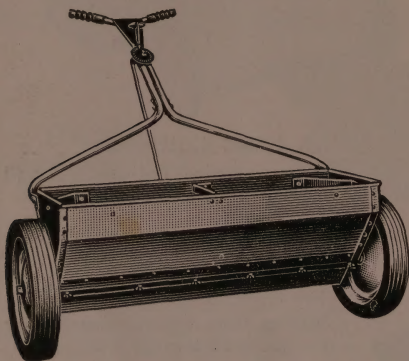
Reversible cutting blade set at angle, side disc knives. Rollers carry the weight, 120 lb. Extra Blade, \$29.00. Disc Knives, \$6.00 ea.

LAWN EQUIPMENT

Cyclone Broadcast SPREADER

For lawn seeding, fertilizing and applying dry weed control materials. Accurate and uniform coverage: 5 ft. for blue grass, 5-10 ft. for fertilizer. 5 Gal. capacity, 8 in. wheels. Packed, ready to attach handle, Wt., 20 lb. **Price, \$25.45**

Cyclone Seed Sower with knapsack top and crank. **\$5.40**



Jackson LAWN SPREADERS

New, improved design with tubular handle; semi-pneumatic tired wheels, 2½ in. tread.

Carton packed, 60 lb.

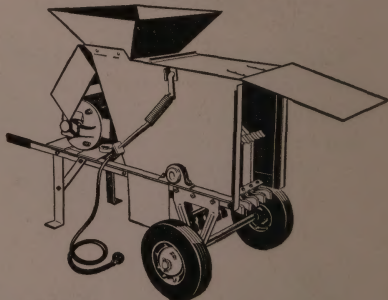
Tractor Hitch **\$2.75** extra

No. 36SS. As above with stainless steel hopper bottom, differential action and new spring loaded control **Price, \$64.50**

No. 20CP. Garden Center Special. 20 in. hopper, 60 lb. capacity with accurate feed. 10 in rubber tires. 25 lb. **\$14.50**

Kemp POWER SOIL SHREDDER

No. 6 for the small grower. Easily portable from job to job and instantly ready for shredding and mixing soil and manure, sod and heavy compost. Weight, 200 lbs. 22 in. wide, 38 in. long. ¾ H. P. motor with cord ready to plug into socket.



Price, with rubber tired wheels, \$225.00 F. O. B. Piqua
Also Organic Shredders and other sizes. Write for literature.

HAND TRUCKS

NURSERY HAND TRUCK

Standard Model

The modern labor saving device for moving plants with ball of earth. One man can load and transport balled plants weighing up to 600 lbs. Tubular steel construction, overall width 27½ in., length or height, 63 in. Equipped with 12 x 4 in. 4-ply Pneumatic Tired Roller Bearing Wheels.

Weight, 52 lbs. **Price, \$66.95**

Price with Ball Bearing Wheels, **\$61.45**

Special Model Hand Truck

The same design as the standard model except larger in size—36 in. wide, 6 ft. high. Will carry 800 to 1000 lbs. Equipped with 2—16 in. Pneumatic Tired Ball Bearing Wheels. Wt. 82 lb.

Price, \$82.50



The BIG HAND TRUCK

Heavier welded construction and equipped with two 4-ply 16 in. Pneumatic Tired Roller Bearing Wheels and one Ball Bearing Wheel (on swivel).

Handles 40 in. Ball

Weight up to 1500 lbs.

Can be used as a trailer by removing the swivel wheel. Approx. weight, including 19 ft. of chain, 195 lbs. **Price, \$195.75**

Note—These are genuine Garden Shop Models equipped with General Tires and priced F.O.B. Piqua, Ohio

**Immediate Shipment
All Models**

NURSERY SUPPLIES

RAFFIA XXX Superior. A popular grade in tight twisted hanks of 13 to 16 oz.

Price per hank, **\$1.00.** 10 lb. or more **90c** lb.

TWINE—NURSERY JUTE

A soft brown tube rope for tying trees and shrubs. 4-ply, 240 lb. test.
10 lb. Balls, **69c** lb.



Jute Wrapping or Sewing Twine

3 ply— $\frac{1}{2}$ lb. Balls (85 lb. test)....**42c** ea.
4 ply— 5 lb. Balls (120 lb. test)....**81c** lb.

WHITE SISAL. Draws up nicely; this is the kind of Twine that we use. 100-120 lb. Bales 1c over reel price.

2-Ply Fine, 260 lb. test. 5-6lb. Balls, **58c** lb. 50 lb. Reels, **53c** lb.

3-Ply Medium. Twice as strong for balling large trees.
10 lb. Balls, **56c** lb. 50 lb. Reels, **52c** lb.



SEWING NEEDLES

5 in., **12c** ea., **\$1.10** doz. 6 in., **15c** ea., **\$1.40** doz.
7 in., **20c** ea., **\$2.00** doz. 8 in., **25c** ea., **\$2.50** doz.



WATER-PROOF PLANTING LINE.

A high grade tightly braided water-proof cotton line in 100 foot connected hanks. No. $3\frac{1}{2}$ (actual size shown) **\$1.40** per 100 ft.
No. $4\frac{1}{2}$ **\$2.40** per 100 ft.

BEMIS EROSIONET

$\frac{1}{4}$ inch open mesh of tightly twisted paper twine. Holds the seed or sod firmly in place, preventing erosion, especially on terraces. Easily removed after the grass is established. 45 in. wide.
Price per 250 yd. Roll,
Wt. 100 lbs. **\$48.00**



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Increment Borer, Power Pull
Books (these are postpaid)
Power Soil Shredder (prepaid)
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And a still better quantity discount of 20% will apply on the following, F. O. B. Piqua

Nursery Spades, 3 or more
Pages 4-21/Six or more Tools
of a kind or from one page
Paper and Plastic Labels (page 23)
Shrub Guards, Steel Plant Stakes
Wilt-Pruf, Treekote (including Qts.)
(One Gallon or more, 33 1/8%)
Tree Wrap Paper, 10 Rolls
(20 Rolls or more, 25%)
Grafting Tape, 6 Rolls or more
Knives, 6 or more assorted
Shears, 6 or more assorted

Safety Saddles, Rope (page 53)
Wood Ladders, 3 or more
Pole Pruners, complete (page 54)
Pruning Saws, 6 assorted including
Extra Blades and Scabbards
Tree Rod, Lag Hooks, Cable, etc.
Tree Compound (Pints and Quarts)
(One Gallon or case lots, 33 1/3%)
Watering Cans, 3 or more
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Wheelbarrows, Lawn Spreaders
Twine, (page 80), 20 lb. or more

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Prices being subject to change without notice and the cost of transportation being difficult to ascertain, if you will simply list your order we will be glad to insert delivered prices with no obligation.

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A. M. LEONARD & SON, INC.

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